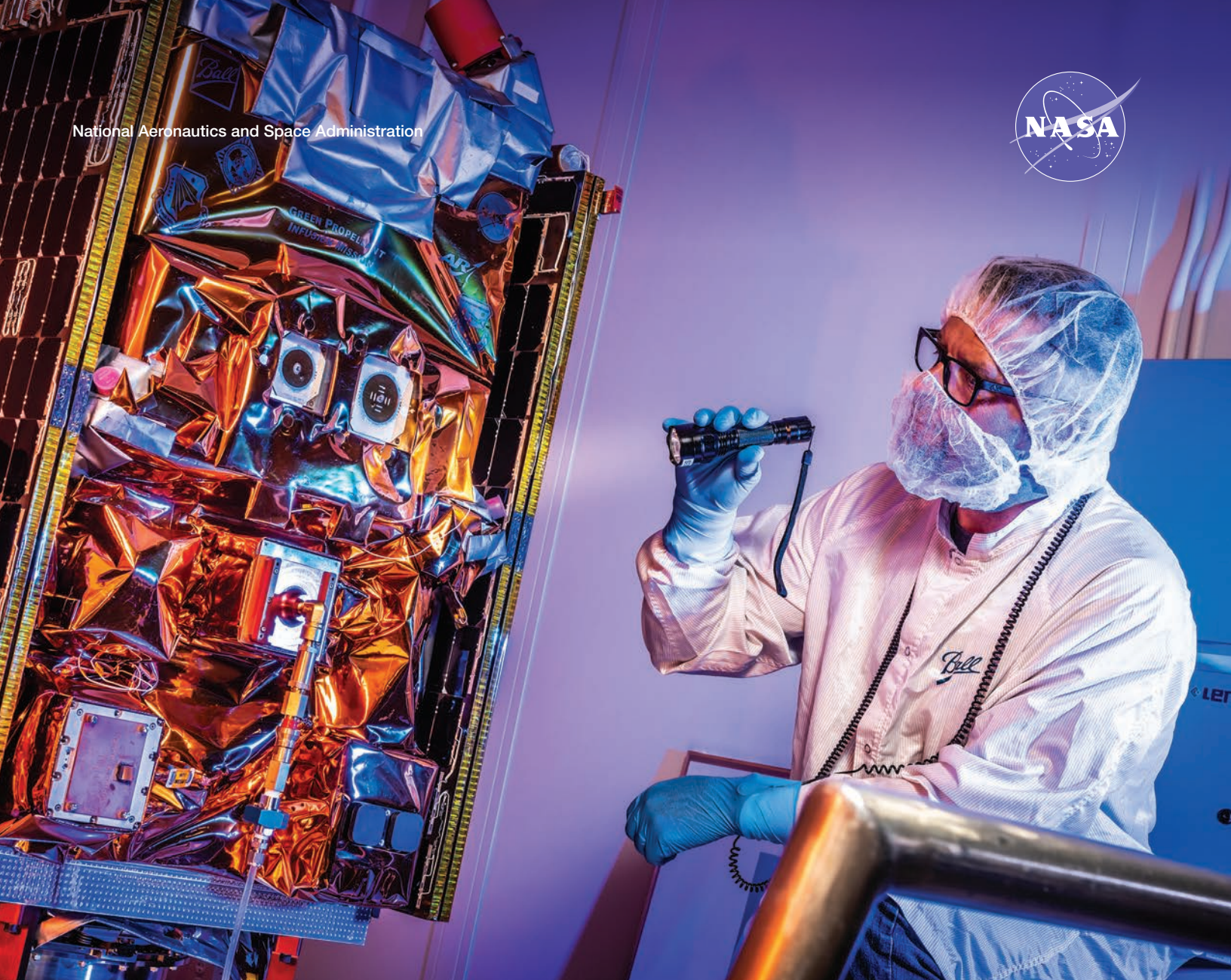


National Aeronautics and Space Administration



NASA

FY 2019

SMALL BUSINESS INDUSTRY AWARDS

Office of
Small Business Programs (OSBP)
where small business makes a **big** difference





WHERE
**SMALL
BUSINESS**
MAKES A
BIG
DIFFERENCE

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VISION STATEMENT

The vision of the Office of Small Business Programs (OSBP) at NASA Headquarters is to promote and integrate all small businesses into the competitive base of contractors that pioneers the future in space exploration, scientific discovery, and aeronautics research.

MISSION STATEMENT

Our mission in the Office of Small Business Programs is to:

- ensure that the Agency is compliant with all Federal laws, regulations, and policies regarding small and disadvantaged business utilization; and
- provide expertise on the utilization of all categories of innovative small business, including minority educational institutions, that can deliver technical solutions in support of NASA.

LIST OF CORE FUNCTIONS:

- **Advocacy:** Advise the Administrator on all matters related to small business.
- **Promote Small Business:** Develop and manage NASA programs that assist all small business categories and communities.
- **Small Business Focused Government Contracting:** Develop small businesses in high-tech areas that include technology transfer and commercialization of technology and maximize the number of practicable opportunities for small business participation in NASA prime contracts and subcontracts.
- **Entrepreneurial Development:** OSBP and NASA Centers provide individual face-to-face and internet counseling for small businesses throughout the United States and in U.S. territories.

Message from the Office of Small Business Programs Associate Administrator



It is my pleasure to offer congratulations to the Fiscal Year 2019 National Aeronautics and Space Administration (NASA) Small Business Industry Award (SBIA) winners!

Since its inception in 2008, our awards program has worked to spotlight the critical work that specific Small Business Prime Contractors, Small Business Subcontractors, Large Business Prime Contractors, and participants in the NASA Mentor-Protégé Program have accomplished at the Center and Agency levels. Enclosed you will find NASA SBIA honorees from FY 2008 to the present year.

Our tagline, “where small business makes a big difference,” is the mantra that fuels the NASA small business program. Every day, we work hard to make sure that businesses of all sizes and types understand that they too can be a part of NASA’s current and future legacy. Annually, we host and participate in numerous activities to connect with small businesses around the country. Signature opportunities include regional conferences or programs in partnership with local governments and agencies, our Office of Small Business Programs Learning Webinar Series, and the NASA Historically Black Colleges and Universities (HBCU) and Minority Serving Institutions (MSI) Technology Infusion Road Tour. We also provide resources on our website and social media to keep the lines of communication open for businesses that are unable to participate in person. These various activities would not be possible without the support of both our large and small business partners. From participating in matchmaking and exhibiting to sharing experiences on panels and networking with attendees, these connections often result in successful prime and subcontracting opportunities and Mentor-Protégé agreements.

As NASA moves forward in our mission to send humans back to the Moon, including the first woman, small businesses will be essential to this endeavor. Their innovation, creativity, and ingenuity will enhance NASA’s capabilities and push us further toward our goals. The businesses that make up this publication are only a small percentage of the many firms that enable NASA to succeed. For that, I always continue to find myself humbled and thankful for the hard work these companies provide. I would be remiss if I did not also thank the Agency’s senior leadership for their continuous program support; as well as the Center small business specialists, procurement officers, and technical advisors; and other personnel that make the NASA small business program shine.

Again, congratulations to this year’s honorees as this is a milestone for your company, and thank you for your continued support of the NASA small business program.

Sincerely,

A handwritten signature in black ink that reads "Glenn A. Delgado". The signature is fluid and cursive.

Glenn A. Delgado

Associate Administrator
NASA Office of Small Business Programs

ABOUT THE NASA SMALL BUSINESS INDUSTRY AWARDS (SBIA) PROGRAM

The Small Business Industry Awards (SBIA) annually recognizes outstanding small businesses that provide critical support to NASA missions. As these companies increasingly enhance the Agency's capabilities and capacity, as well and spark innovation across industries, we look to highlight their undeniable contributions. For additional information, contact the Small Business Specialist at the NASA Center that you support.

Small Business Industry Awards (SBIA) will be given in four categories: (1) Small Business Prime Contractor of the Year, (2) Small Business Subcontractor of the Year, (3) Large Business Prime Contractor of the Year, and (4) Mentor-Protégé Agreement of the Year. Selection criteria in each of these categories are listed below. *Disclaimer: All significant NASA Small Business Industry Awards nomination activity should occur during the review period.*

Small Business Prime Contractor of the Year

CRITERIA

1. Performs well on every NASA contract at nominating Center during nominations cycle review period (e.g., is on schedule and within cost). Include a description of the scope of the contract.
 - A. Discuss the nominee's most recent NASA contract awards.
 - B. Discuss the nominee's most recent overall Contractor Performance Assessment Reporting System (CPARS) rating.
 - C. If the Contracting Officer Representative (COR) has concurred on this nomination, please state so in the nomination summary.
 - D. Discuss the nominee's active participation in the Center Small Business Council, if applicable.
2. Exhibits responsiveness to contractual requirements, works cooperatively with contracting officials and program personnel, limits subcontracting to large businesses.
3. Provides innovative solutions to problems/issues that arise in the contract.

Small Business Subcontractor of the Year

CRITERIA

1. Performs well as a subcontractor on NASA contracts at the nominating Center during the nomination cycle review period. Include the scope for both the prime contract and subcontract.
 - A. Discuss the nominee's participation in NASA-related outreach events.
 - B. Discuss the nominee's active participation in the Center Small Business Council, if applicable.
2. Provides value-added and outstanding support on schedule and within cost to the prime contractor and innovative solutions to problems/issues that arise in the execution of the contract.
3. Works cooperatively with NASA and prime contractor personnel.

Large Business Prime Contractor of the Year

CRITERIA

1. Performs well on all NASA contracts at the nominating Center during the review period. Include a description of the scope of the contract.
 - A. Discuss the nominee's most recent overall CPARS rating.
 - B. Discuss the nominee's most recent NASA contract awards.
 - C. Discuss the nominee's participation in NASA-related outreach events.
 - D. If the Contracting Officer Representative (COR) has concurred on this nomination, please state so in the nomination summary.
 - E. Overall program demonstrates sound small business practices; sponsors/participates in outreach activities and uses small business contractors to perform technical (high-tech) requirements of the contract during contract execution.
2. Compliance with all subcontracting plans at the nominating Center.
3. Discuss timeliness of required Individual Subcontracting Report (ISR) and Summary Subcontracting Report (SSR) submissions.

ABOUT THE NASA SMALL BUSINESS INDUSTRY AWARDS (SBIA) PROGRAM

(continued)

Mentor-Protégé Agreement of the Year

FACTOR A: PROTÉGÉ GROWTH

1. Employee growth evidenced.
2. Protégé prime contract growth evidenced.
3. Protégé subcontract growth evidenced.

FACTOR B: PROTÉGÉ DEVELOPMENT

1. Completion of technical/business infrastructure tasks.
2. Achievement of technical certifications (e.g., ISO, CMMI, etc.).
3. Business infrastructure enhancements validated.
4. Utilization of technology training outside of the Mentor-Protégé Agreement.

FACTOR C: VALUE OF TECHNICAL AND BUSINESS DEVELOPMENT SUPPORTING NASA'S MISSION

1. Value-added support (new technology) evidenced.
2. Value-added support (business infrastructure) evidenced. (Credit agreements only.)
3. Interoperability with other Federal or commercial programs.
4. Knowledge transfer contributions to long-term sustainable support.
5. In-house efficiencies realized from developmental assistance provided.

FACTOR D: PROGRAM MANAGEMENT

1. Demonstrated management commitment.
2. Met milestone schedules.
3. Performed within costs (i.e., no overruns). (Reimbursable agreements only.)
4. New business teaming/subcontract relationships evidenced.
5. Submitted timely and accurate reports.

FACTOR E: UTILIZATION OF HBCU/MSI AND SBDC

1. Commitment evidenced.
2. Value-added services provided.
3. Level of support is primary to completing milestones.



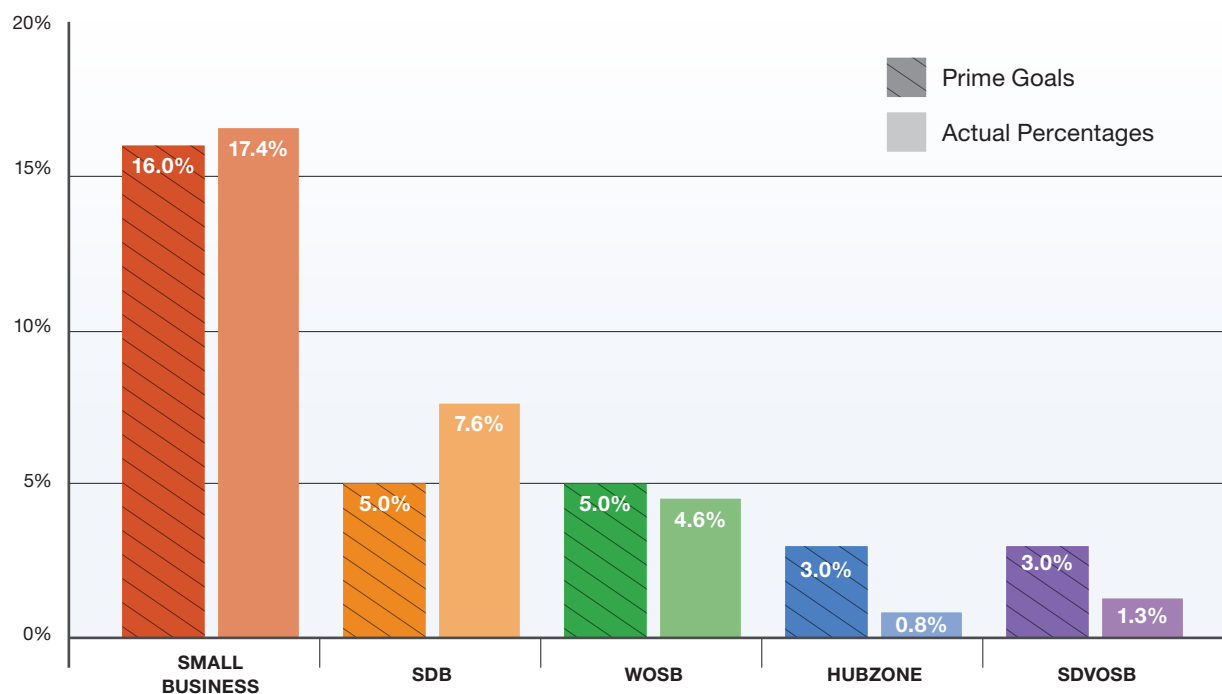
Small Business Success at NASA

FY 2019 Agency Prime Contracting Metrics

NASA AGENCY FY 2019 PRIME CONTRACTING GOALS VS. ACTUAL PERCENTAGES

Data generated November 13, 2019, from the Federal Procurement Data System–Next Generation (FPDS-NG).

CATEGORY	DOLLARS
Total Dollars	\$17,666,905,370
Small Business	\$3,073,214,371
Small Disadvantaged Businesses (SDB)	\$1,350,502,271
Women-Owned Small Businesses (WOSB)	\$803,848,768
Historically Underutilized Business Zones (HUBZone)	\$143,792,329
Service-Disabled Veteran–Owned Small Businesses (SDVOSB)	\$237,425,891

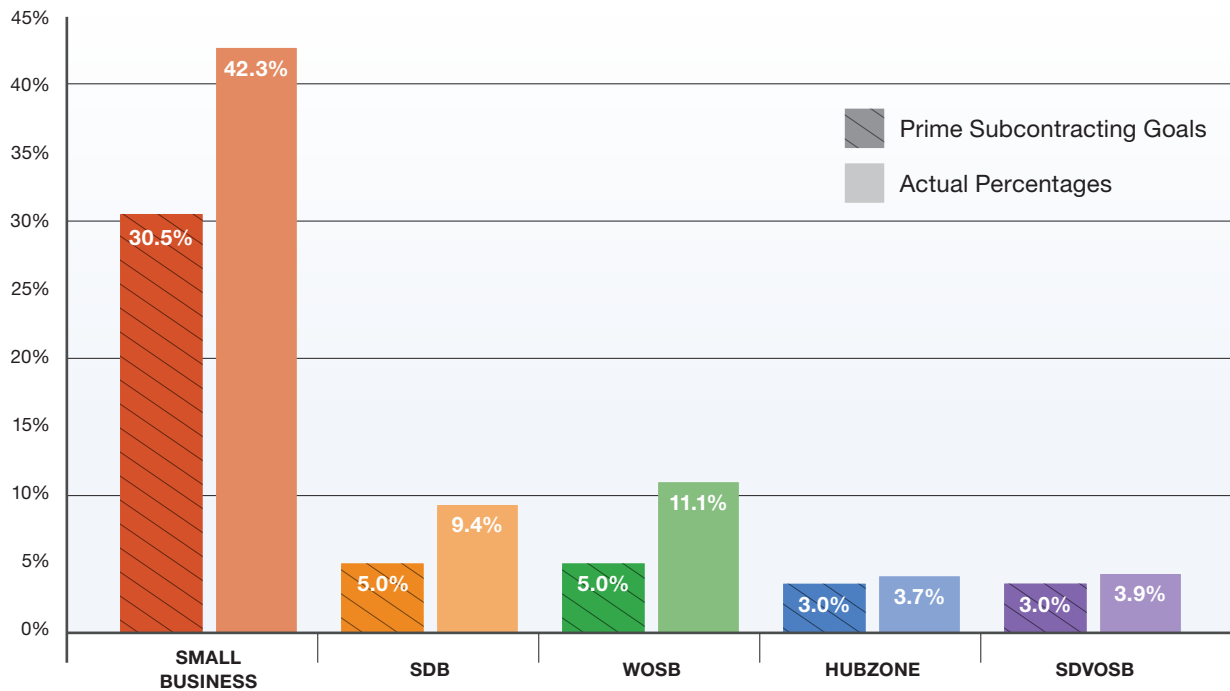


FY 2019 Agency Subcontracting Metrics

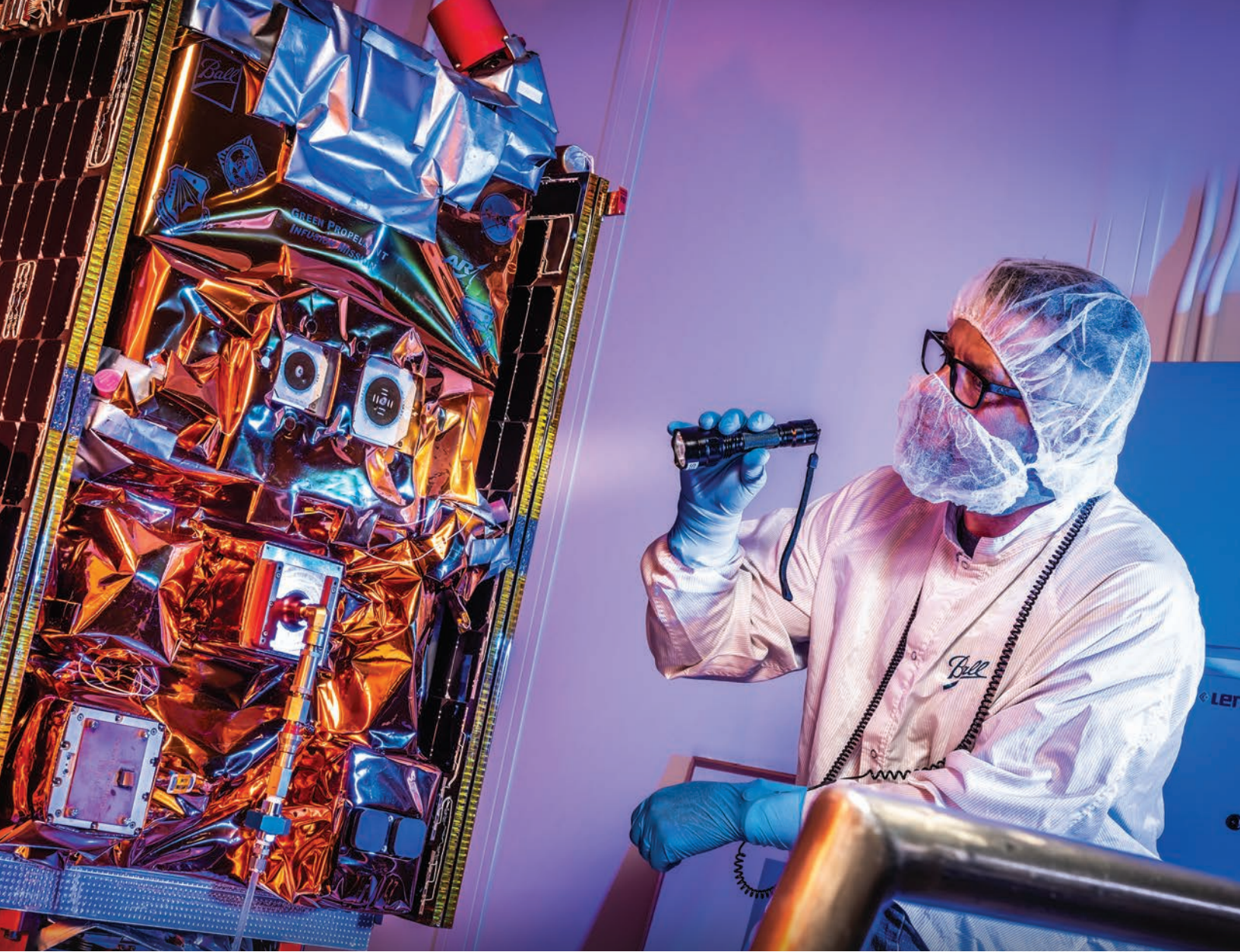
NASA AGENCY FY 2019 SUBCONTRACTING GOALS VS. ACTUAL PERCENTAGES

Data generated March 23, 2020, from the Electronic Subcontracting Reporting System (eSRS).

CATEGORY	DOLLARS
Total Dollars	\$7,042,500,945
Small Business	\$2,977,585,435
Small Disadvantaged Businesses (SDB)	\$658,690,548
Women-Owned Small Businesses (WOSB)	\$781,276,231
Historically Underutilized Business Zones (HUBZone)	\$263,797,075
Veteran-Owned Small Businesses (VOSB)	\$391,505,631
Service-Disabled Veteran-Owned Small Businesses (SDVOSB)	\$275,016,583
Historically Black Colleges and Universities/Minority Serving Institutions (HBCU/MSI)	\$25,062,860







FY 2019 AGENCY-LEVEL WINNERS

Small Business Prime Contractor of the Year
Small Business Subcontractor of the Year
Large Business Prime Contractor of the Year
Mentor-Protégé Agreement of the Year

Logical Innovations, Inc.

Armstrong Flight Research Center

SMALL BUSINESS PRIME CONTRACTOR OF THE YEAR





Company Description

Logical Innovations, Inc., President and CEO Denise Navarro began her career at NASA in 1984. Since she founded the company in November 2006, NASA has remained Logical Innovations' primary customer, serving numerous Centers across the Agency. Logical Innovations is currently supporting customers' technical, business, administrative, strategic communications, and outreach needs at Ames Research Center, Armstrong Flight Research Center, Goddard Space Flight Center, Headquarters, Johnson Space Center, Kennedy Space Center, and Stennis Space Center. Additionally, it previously supported projects at Glenn Research Center, Marshall Space Flight Center, and the White Sands Test Facility.

Support Provided to NASA

Since Logical Innovations' inception in November of 2006, they have adopted NASA's mission as their own. Just as their name suggests, they pride themselves on providing innovative solutions for all projects assigned through responsiveness, adaptability, and a drive to exceed expectations. Their work enables NASA civil servants to focus on the mission-critical technical activities of their respective projects and programs while Logical Innovations staff members fulfill the financial, acquisition, and administrative requirements necessary to maintain these projects and programs. Also, through their outreach support, Logical Innovations communicates the NASA mission to the general public through publications, exhibits, tours, speakers bureau, and events.

Award-Winning Accomplishments

Logical Innovations has consistently demonstrated its commitment to NASA and the Armstrong Flight Research Center (AFRC) since being awarded the Center Administrative and Technical Support Services (CATSS) II contract by providing outstanding written and oral communications to all customers. Logical Innovations exhibits professionalism and courtesy in performing their duties and in providing the support necessary to accomplish the tasks assigned, even in the most challenging circumstances. Employees are encouraged to "think outside of the box" and introduce new concepts and ideas to improve customer operations, as well as their own. Logical Innovations supports the technical community and general functions at AFRC by providing administrative, budgeting, public affairs, acquisition, travel, technical publications, research library, reproduction center, and ISO 9000/AS 9100 support.

Support Provided to the Small Business Community

Logical Innovations has been an active member of the small business community since its inception in 2006. They network with the small

business community when supporting events at NASA Centers, during regional outreach, and when serving on various NASA small business councils, often in a leadership role, including the former NASA Industry Forum (NIF). The NIF provided an opportunity for business representatives from all NASA Centers to share lessons learned and best practices. Logical Innovations also provides subcontract opportunities to small businesses across all of their prime contracts, including AFRC CATSS. Additionally, as they have grown and matured as a company, they have reached out to newer small businesses to mentor or collaborate on partnerships and teaming opportunities. Logical Innovations is currently approved by the Small Business Administration to mentor two smaller companies.

The Future of Logical Innovations

Logical Innovations continues seeking growth while maintaining high-quality support and focus on their valued clients. Their goal is to have a presence at all NASA Centers and other Federal agencies, to grow their network of valued partners, and to expand and improve their capabilities portfolio. As they grow, they remain mindful of the lessons that they have learned and the values that have set them apart. Logical Innovations also continues to seek opportunities to make this company a better place to work for its employees, offer robust total compensation packages, and offer continuous professional development. Equally important, Logical Innovations is proud to invest in the communities where they live and work; to partner with Historically Black Colleges and Universities and Minority Serving Institutions through scholarships, internships, and business opportunities; and to support various community activities and sponsorships.

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 [@Logical_Houston](#)

Media Fusion, LLC

Armstrong Flight Research Center

SMALL BUSINESS SUBCONTRACTOR OF THE YEAR





Company Description

Media Fusion, LLC, was founded in 1995 with the vision of helping organizations achieve their communication goals using innovative solutions and the latest technology. More than 20 years later, the company is providing communication and effective professional services across the country. Using this same approach, Media Fusion expanded to offer high-quality business and professional services to their customers. In 2018, Media Fusion was acquired by the Poarch Band of Creek Indians to expand their support to Government customers. Media Fusion has nearly 200 employees and revenue of \$18 million. Services include administrative, financial, strategic communications, document, multimedia, public affairs, and business services.

Support Provided to NASA

NASA is Media Fusion's largest customer. The company's experience includes prime awards at NASA Headquarters, Langley Research Center, and Armstrong Flight Research Center. Their subcontracts include support to NASA Armstrong Flight Research Center and Marshall Space Flight Center. They support a wide range of services within the Agency to assist NASA's mission, including outreach, communications, business services, duplication, exhibits, models, and professional services. Media Fusion embraces NASA's mission as their own and performs as an extension of the Agency.

Award-Winning Accomplishments

Media Fusion's work is largely behind the scenes. They are not designing the rockets. They are not developing the latest technology and leading science. They support the scientists and engineers who are doing this work and take care of the back-end functions, which enables them to focus on their work. They manage and perform the necessary professional business services reliably and consistently create a solid operational foundation for the organizations they support.

Support Provided to the Small Business Community

Media Fusion is both a large and small business, depending upon the size standard. They support small businesses with teaming and joint venture opportunities. They work with other companies to create a mutually beneficial relationship that furthers their collective, individual, and customer interests.

The Future of Media Fusion

The future looks bright for Media Fusion. They are pursuing larger opportunities and expanding their capabilities. They are building up their audited business systems, bringing their quality support to other NASA Centers, and expanding to additional agencies including the Navy, Air Force, National Park Service, Fish and Wildlife Service, and others.

Richard Williams, President
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Science Applications International Corporation (SAIC)

Langley Research Center

LARGE BUSINESS PRIME CONTRACTOR OF THE YEAR





Company Description

Science Applications International Corporation (SAIC) was founded in 1969. Today, SAIC is headquartered in Reston, Virginia, and has approximately 23,000 employees and \$6.5 billion in annual revenues. SAIC is a premier technology integrator solving the Nation's most complex modernization and readiness challenges. Their robust portfolio includes high-end solutions in engineering, IT, and mission solutions. Using their expertise and understanding of existing and emerging technologies, the company integrates the best components from their own portfolio and their partner ecosystem to deliver innovative, effective, and efficient solutions. SAIC supports all NASA Centers and provides enterprise IT, engineering, integration, and mission services through the following prime contracts and subcontracts. Prime Contracts: Langley IT Enhanced Services II (LITES II); NASA Integrated Communications Services (NICS); Enterprise Applications Service Technologies 2 (EAST2); National Center for Critical Information Processing and Storage (NCCIPS 2); Independent Verification and Validation (IV&V); Joint Operations and Integrated Systems Technology (JOIST); Omnibus Multidiscipline Engineering Services II (OMES II); and Safety, Mission Assurance Engineering Contract 2 (SMAEC 2). Subcontracts: Mission Systems Operations Contract (MSOC); Marshall Integrated Programmatic Support Services (MIPSS); and Mission Operations, System Engineering, and Software II (MOSES II).

Support Provided to NASA

SAIC applies understanding of NASA's vision and missions to deliver technical services to Langley Research Center and other Agency organizations. Under prime contract LITES II, SAIC provides system administration, database administration, application management, and cybersecurity services that contribute to Langley's flight, Earth, and space missions, and to other NASA missions and programs, including the NASA Engineering and Safety Center (NESC); the NASA Engineering Network (NEN); the Scientific and Technical Information Program (STI); the Low Boom Flight Demonstrator (LBFD); the Earth Systems Science Pathfinder (ESSP); and Entry, Descent, and Landing (EDL). SAIC's LITES II employees support Langley's outreach efforts and provide technical support for tours and demonstrations of Langley's capabilities, including tours of the Air Traffic Operations Laboratory (ATOL) and the Structure and Materials Research Lab.

Award-Winning Accomplishments

SAIC's LITES II employees contribute transformative solutions to Langley Research Center, including piloting software defined access, demonstrating global search technology at knowledge workshops, implementing robotic process automation, implementing Internet of

Things (IoT) technologies for facility management, and leveraging high-performance computing. SAIC's LITES II employees on NASA's Traffic Aware Strategic Aircrew Requests (TASAR) Team received a Group Achievement Award during Langley's 2019 Honor Awards Ceremony. Their Traffic Aware Planner software was selected as one of the 100 winners of the 2019 R&D 100 Award (Software/Services category). SAIC sponsored Virginia's annual Aerospace Legislator Reception in Richmond and showcased IoT, augmented reality/virtual reality (AR/VR) technologies, and game development capabilities that deliver affordable and customizable immersive training and visualization solutions for NASA.

Support Provided to the Small Business Community

SAIC partners with small businesses that fill important roles on LITES II at Langley Research Center. They are integrated into all aspects of the contract, including leadership roles. SAIC actively participates in NASA's small business outreach initiatives and the NASA Industry Forum. SAIC is a member of the Virginia AeroSpace Business Association, interacting with large and small businesses across the Commonwealth to promote aerospace initiatives. SAIC's LITES II PM serves as the association's vice president.

The Future of SAIC

SAIC is aligned with NASA's mission, giving it the ability to significantly contribute to their customers' efforts in IT modernization, cybersecurity, space systems, data proliferation, and training and readiness. SAIC's operating model leverages the talents of its people and enables repeatable solutions and products for customers. SAIC attracts the best and brightest. They are a company that fosters a culture of engagement, collaboration, and achievement. SAIC consistently builds upon the best ideas and solutions, no matter where they come from, because they believe that how they achieve their mission is just as important as the mission itself. SAIC is committed to mentoring the future workforce and invests in programs like the Astronaut Scholarship Fund, STEM education, and CyberWarrior Scholarships for veterans.

Nazzic Keene, Chief Executive Officer
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◀ SAIC's Dave Mercer (left) provides a tour of the Structure and Materials Research Lab for a visiting astronaut.

KBR (Mentor)

Johnson Space Center

MENTOR-PROTÉGÉ AGREEMENT OF THE YEAR





Company Description

KBR delivers mission-critical, full-life-cycle solutions within the Government and energy sectors. They ensure mission success, improve operational capability, and drive innovation. KBR is known for their work on complex and large-scale projects, as well as for working in extreme environments ranging from the most remote places on Earth to the far reaches of space. With customers in more than 80 countries and operations in 40 locations, KBR delivers unparalleled engineering, operations, logistics, scientific, information technology, and cybersecurity expertise.

Support Provided to NASA

KBR maintains and improves the health, safety, and productivity of crew living and working in space. They also maintain and improve the overall excellence of science on human space missions and the transfer of scientific and technical knowledge to practical applications on Earth. During 2019, KBR supported Johnson Space Center's vision through many activities, including the development of human system requirements for the Human Landing System, execution of a successful Human Research Program Investigator Workshop during the Government shutdown, development and implementation of multiple domestic and international space flight analog missions, and identification and documentation of a previously unknown cardiovascular health risk due to space flight. KBR provided outstanding support across all active and developmental human space flight programs.

Award-Winning Accomplishments

During 2019, KBR exceeded the small business goals for NASA's socioeconomic subcategories, with percentages rising yearly since the start of the Human Health and Performance (HPPC) contract. They review all open positions for potential small business teammate assignments and look for new small business vendors. As services and materials are required, they conduct market research to identify capable small businesses. KBR is also entering year 2 of their agreement with JES Tech under the NASA Mentor-Protégé Program. JES Tech is a Women-Owned, Small Disadvantaged Business. KBR is confident JES Tech will continue to grow their capabilities through their combined efforts. In 2019, KBR mentored JES Tech in many areas, including ergonomics training, industrial hygiene, job classification, and salary analysis.

Support to the Small Business Community

KBR's small business office and executive team are committed to fostering the development and success of their small business partners. The company prioritizes helping their small business partners through

active participation in the Mentor-Protégé Program (MPP). Currently, KBR has Mentor-Protégé Agreements in place with both NASA and the U.S. Small Business Administration. KBR is an active member of the Contractor Councils at Ames Research Center and Johnson Space Center. Their Small Business Liaison Officer (SBLO) has presented at council meetings to discuss the benefits of participating in the MPP. Their SBLO also participates in panel discussions at small business outreach events to provide guidance and insight on working with Federal prime contractors. KBR actively supports NASA's small business outreach events, including NASA's HBCU/MSI Innovation Technology Road Tours.

The Future of KBR

KBR's future is bright. With its broad portfolio of proven expertise, KBR has a limitless capacity to solve challenges. The company's mission is to safely deliver any project, any time, in any environment for the benefit of their customers, shareholders, employees, and the communities they serve. KBR delivers the best in the industry and creates the most compelling and agile teams, leveraging diversity and embracing the unique expertise it affords. Through their long-term partnership, KBR will continue to help NASA forge the future of scientific knowledge, advance space flight and exploration, and improve the understanding of planet Earth. KBR is creating solutions for the needs of today and tomorrow, safely and efficiently. It is the future, designed and delivered.

Byron Bright, President, KBR Government Solutions U.S.

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KBR


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 @kbr.inc

◀ A KBR employee configures an air quality monitor for flight in NASA's Johnson Space Center.

JES Tech, LLC

(Protégé)

Johnson Space Center

MENTOR-PROTÉGÉ AGREEMENT OF THE YEAR





Company Description

JES Tech is a leading provider of clinical, scientific, and research support services. Founded in 2004, JES Tech is a Small Disadvantaged Business (SDB), Women-Owned Small Business (WOSB), and Economically Disadvantaged Women-Owned Small Business (EDWOSB). JES Tech initially started by providing on-call nursing support for research studies at Johnson Space Center (JSC). With that experience and outstanding performance record, JES Tech's capabilities extended to broader areas of clinical and scientific support. JES Tech's workforce is composed of highly skilled occupational medicine, clinical, scientific, research, and engineering professionals contributing within dynamic multidisciplinary work environments. Well known for being proactive, adaptable, and responsive to customer requirements and employee needs, JES Tech delivers customized solutions and unconditional customer service.

Support Provided to NASA

JES Tech manages the Johnson Space Center (JSC) Clinic and the JSC White Sands Testing Facility Clinic. Support includes Occupational Medicine and Flight Medicine by a team of nurses, paramedics, EMTs, pharmacists, medical technologists, case managers, and other medical professionals. The clinic teams promote health and provide treatment to thousands of NASA civil servants, contractors, and flight crew personnel. JES Tech's broad range of science support includes a team of junior and senior Ph.D.-level scientists in areas such as microbiology, immunology, virology, and nutritional biochemistry. In 2019, NASA recognized JES Tech's science team for outstanding scientific achievement for supporting the development of the MinION Biomolecule Sequencer, a paradigm-shifting technology in space flight research and operations impacting present and future microbial monitoring methods.

Award-Winning Accomplishments

The first year of the KBR-JES Tech Mentor-Protégé Agreement (MPA) revealed a depth of collaborative partnership between JES Tech and KBR in the achievement of several significant developmental milestones and tangible areas of growth for JES Tech. Through KBR's investment of time, resources, and guidance, JES Tech's technical capabilities increased as planned in the MPA—while also gaining new capabilities to compete and win work at other Federal agencies. Leveraging new opportunities through their enhanced relationship with KBR, JES Tech quickly moved to form and nurture new business relationships with other divisions within KBR, as well as develop new capabilities to deliver operational excellence and achieve new compliance requirements as a Department of Defense contractor.

Support to the Small Business Community

JES Tech collaborates with other small businesses to form strategic partnerships to pursue Federal procurement opportunities, including establishing joint ventures and other agreements with small business allies. While hosting the annual Marshall Space Flight Center Prime Contractor Council, KBR invited JES Tech to conduct a presentation to the council, communicating the value of the NASA Mentor-Protégé Program. Specifically, they spoke to how the KBR-JES Tech team prepared for their MPA, from the Protégé's perspective. Additionally, JES Tech joined the Johnson Space Center Industry Assistance Office to present and participate on a panel and Q&A session at the 2019 Houston She Said Conference for Women-Owned Small Businesses. The topic of how to obtain Federal contracts was discussed. JES Tech appreciates opportunities to support small businesses.

The Future of JES Tech

JES Tech is privileged to be on the dynamic team that is identifying, testing, and creating solutions to support NASA's mission to advance science, technology, and space exploration. The company remains dedicated to recruiting and retaining talented professionals committed to mission goals. They intend to leverage their strengthened core capabilities in occupational medicine, occupational health, clinical, and scientific support services to additional Federal agencies. The company strives to continue developing their growing network of small and large business allies for opportunities to deliver exceptional performance and added value to NASA, the Department of Defense, and other Federal agencies. Most importantly, at their foundation, JES Tech maintains two tenets, to honor their employees and to deliver unconditional customer service.

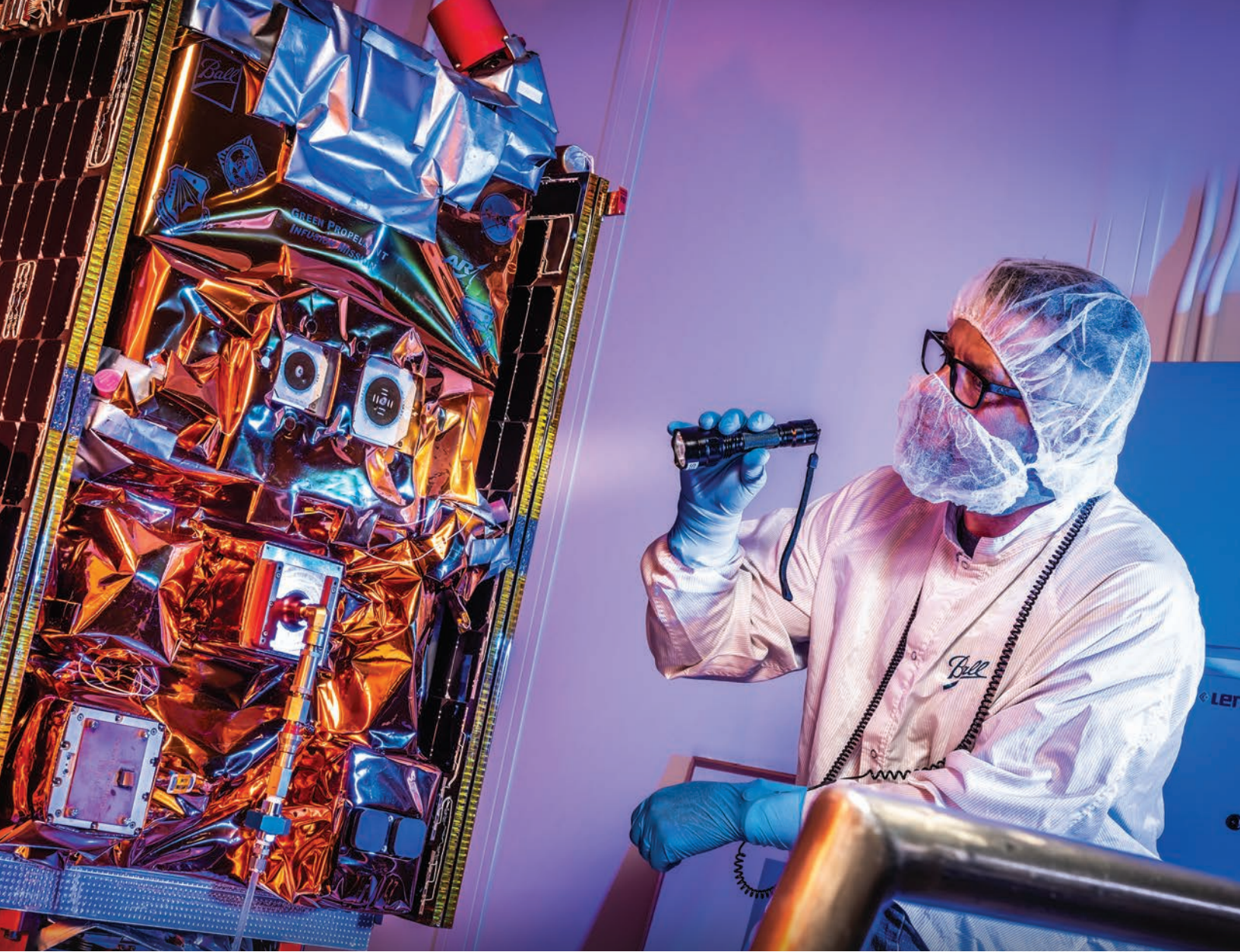
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FY 2019 CENTER-LEVEL WINNERS
SMALL BUSINESS
PRIME CONTRACTORS OF THE YEAR

Metis Flight Research Associates, LLC

Ames Research Center



ARC Director Eugene Tu, Deputy and Associate Center Directors, and the MFRA team.

Company Description

Metis Flight Research Associates, LLC (MFRA), is a joint venture of three small businesses joined to support NASA Ames Research Center's Aerospace Systems Modeling and Simulation (SimLabs III) contract and related programs. Metis Technology Solutions, Inc.; Flight Research Associates, Inc.; and SYMVIONICS, LLC, are all small businesses with capabilities in aerospace; systems and software engineering related to aerospace modeling and simulation; and the development, maintenance, and operations of simulation facilities for both NASA and the Department of Defense. The three companies form an innovative and unique small business partnership to pool the resources and experiences of their companies in order to pursue modeling and simulation opportunities at NASA and other agencies. MFRA demonstrates how small businesses with synergistic capabilities can help each other to collaboratively pursue new business.

Support Provided to NASA

MFRA operates and performs sustaining engineering for all NASA Ames SimLabs simulation facilities, works with researchers to integrate and validate simulation architectures, and optimizes distributed real-time simulations. Services provided include systems engineering, software development, systems administration, aerospace engineering, hardware and mechanical systems engineering and operations, safety and mission assurance, configuration management, outreach, subject matter expert recruitment, and contract management functions. The MFRA team was recognized by the Director of Ames Research Center for its responsiveness when it reassembled a 10-year-old lunar lander simulation in 30 days, enabling NASA Administrator Jim Bridenstine to demonstrate the concept of returning to the Moon to members of Congress and the media. Ultimately, Administrator Jim Bridenstine "flew" Vice President Mike Pence in the simulator as well.

Award-Winning Accomplishments

MFRA initiatives have significantly streamlined and improved SimLabs's software production and verification/validation processes by standardizing them across all facilities and introducing advanced solutions, such as continuous integration/continuous delivery capabilities. In addition, MFRA focused its hiring and training efforts on refreshing the existing workforce and seamlessly integrating new engineers into a complex software and simulation environment to ensure continuity of operations. MFRA engineers work closely with the customer to modernize and continuously improve simulation capabilities, ensuring that simulators remain relevant to the next generation of aerospace vehicles and missions. As a result, the Vertical Motion Simulator is in demand by NASA, the Federal Aviation Administration, and industry researchers.

Support Provided to the Small Business Community

MFRA supports the growth of a strong NASA small business industrial base in many ways. The member companies participate in contractor organizations at multiple NASA Centers. All member companies also support and participate in Small Business Administration-sponsored events in their respective regions. As a joint venture entity, MFRA offers many small businesses the opportunity to support the SimLabs III contract, where 13 vendors and subcontractors are small businesses. MFRA has also shared its SimLabs III proposal development experience in a recent NASA Office of Small Business Programs "lessons learned" publication. And finally, the all-small joint venture demonstrates the power of small business partnerships and collaboration.

The Future of Metis Flight Research Associates

The formation of the MFRA joint venture has helped all three member companies gain important performance experience that can be applied in the future growth of the individual companies. Metis and FRA are both companies that were formed at NASA Ames Research Center, and SYMVIONICS has been a NASA subcontractor for 15 years. The MFRA member companies have all continued to grow and diversify since being awarded the SimLabs III contract, and the MFRA joint venture has plans to pursue other prime contract opportunities as an entity.


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Wolf Creek Federal Services, Inc.

Glenn Research Center



Securing roofing membrane on Building 4.

Company Description

Wolf Creek Federal Services (WCFS) is a wholly owned subsidiary of Chugach Alaska Corporation, a unique corporation supporting missions while sustaining cultures.

Established in 1972 under the Alaska Native Claims Settlement Act, Chugach Alaska Corporation exists to serve the interests of the Alaska Native people of the Chugach region. They represent more than 2,500 Aleut, Eskimo, and Indian shareholders, and they work to provide opportunities through responsible management of their lands, businesses, and assets. Chugach has been providing the men and women within the military and Federal agencies with excellent customer service and mission-focused support for more than two decades.

Support Provided to NASA

As the facility operations and maintenance contractor, Wolf Creek Federal Services furthers Glenn Research Center's mission. WCFS earned an "Exceptional" rating for its scheduling system, which successfully completed 3,577 funded repairs with an on-time completion rate of 95 percent. WCFS prioritized work for critical systems and lab facilities' operations, such as repairing chiller 9 in a timely manner.

WCFS manages a preventive maintenance program of more than 87,097 items with an overall completion rate of 98.8 percent, which is well past the work-class mark of 95 percent. WCFS's outstanding Quality Assurance Program corrected systematic problems and helped Glenn Research Center's maintenance personnel gauge the health of the contract. WCFS's corporate culture prioritizes safety in daily performance through strict adherence to the Glenn Safety and Environmental Manual and achieves Chugach's corporate annual performance goals.

Award-Winning Accomplishments

Wolf Creek Federal Services won Small Business Prime Contractor of the Year at Glenn Research Center by being the Center's critical partner. Through the continual improvement of our Reliability Centered Maintenance program, WCFS strives to improve the reliability of Glenn's infrastructure while maximizing the return on investment and life cycle of the equipment. The program encompasses 3,759 assets that are being monitored via a walk-around predictive testing and inspection program that has achieved an overall health of tested equipment of 99 percent.

WCFS staff developed a rapport with the customers that facilitated an open dialogue about how to innovate. They worked with technical staff to identify solutions and an implementation plan that did not disrupt NASA's operations. For example, the use of mobile Maximo and equipment service labels improves equipment status and notifications.

Support Provided to the Small Business Community

As a small business, Wolf Creek Federal Services understands the importance and impact that small business programs can make. WCFS works diligently with the local community and identifies small business partners that can provide services in support of the contract. WCFS works with 328 contractors, awarding 2,423 delivery contracts. WCFS continues to work to improve their supply of small business partners and help to make them a successful part of the NASA team. Their primary goal is to provide NASA with the best possible service at the lowest cost.

The Future of Wolf Creek Federal Services

WCFS is proud to serve the mission at Glenn Research Center and looks forward to continuing their long and productive relationship. WCFS staff is dedicated to providing the best service for the Center's daily and routine operations. This enables their customer, NASA, to focus on their critical missions. We will continue engaging with the Center's staff for innovative solutions and conducting business in a safe manner.

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Barrios Technology, Inc.

Johnson Space Center



Barrios employee and certified Cygnus Mission Director Jorge Salazar supports the NG-12 mission from the Cygnus Flight Control Room in Houston, Texas.

Company Description

Barrios began in 1980, when Sandy Johnson joined a group selected by Emyre Barrios Robinson to write a proposal to Johnson Space Center (JSC) to provide flight design support to the Space Shuttle Program. With that first prime contract win, Barrios opened its doors and has been a prime contractor ever since. Sandy took ownership of the company in 1993. Under her leadership, Barrios has grown from \$10 million to \$87 million in revenue with more than 500 employees. Barrios's core capabilities are systems engineering, mission integration and operations, software engineering, and program planning and control. Today, Barrios is recognized for excellent support of multiple NASA human space flight programs, commercial space companies, and the oil and gas industry at locations in Texas, Alabama, Colorado, and California.

Support Provided to NASA

Barrios is the prime contractor for the Mission and Program Integration (MAPI) contract, one of the largest NASA small business set-asides. On MAPI, they provide products and services to the International Space Station (ISS) Program and the Agency's Artemis missions, including the Orion and Gateway Programs. Barrios provides systems engineering and integration support to all of NASA's human space flight programs, including the commercial elements. Their other contracts supporting NASA showcase Barrios's software engineering skills, contributing to the ground system for the Space Launch System (SLS) and avionics software for the ISS. They provide systems engineering and mission operations support to the Commercial Resupply Services and Commercial Crew programs. They also provide science support to NASA's human research projects.

Award-Winning Accomplishments

Barrios's company culture is based on its mission statement "to be the foremost small aerospace engineering services company providing

extraordinary value to our customers, employees, and communities." The recognition as the 2019 Johnson Space Center Small Business Prime Contractor of the Year stems from their management of MAPI. MAPI features contractor-led management through its 100 percent completion form construct, meaning Barrios partners with their customer for Annual Work Plans and then is responsible for managing budget, resources, and schedules to most effectively support their customer's mission. Barrios balances customer satisfaction, responsiveness, and flexibility with cost efficiency. Their award fee scores have consistently averaged high-excellent since they opened their doors, validating their company's focus on quality technical and management performance.

Support Provided to the Small Business Community

Barrios is proud of its status as a Women-Owned Small Business (WOSB). Owner and CEO Sandy Johnson, previously recognized with a Johnson Space Center (JSC) Mentor of the Year Award, makes it a hallmark of her career to mentor other small businesses and is actively mentoring companies in Texas and Alabama today. On MAPI, Barrios limits large business subcontracting to 9 percent, maximizing use of diverse small businesses for 91 percent of the work. During FY 2019, Barrios, a founding member of the JSC Small Business Council (SBC) and former member of the JSC SBC Executive Leadership team, again sponsored the annual National Contract Management Association (NCMA) Small Business Conference held jointly with JSC SBC. Barrios is part of a Small Business Administration Mentor-Protégé Agreement focused on expanding their protégé company into new markets.

The Future of Barrios Technology, Inc.

Barrios Technology has been a NASA contractor since it opened its doors and intends to continue—and increase—its support to the Agency. Their goals for 2020 and beyond include expanding their regional and market diversification. Barrios has been a Women-Owned Small Business for almost 40 years, and it plans to remain so. Johnson's succession plan for Barrios's future is centered on her daughter Kelly Page, a 14-year Barrios employee and now an executive with the company, meaning that the Barrios culture and WOSB legacy will continue. They look forward to partnering with NASA as they continue to maximize the utilization of low-Earth orbit and moving further into the universe.

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Chenega Infinity, LLC

Kennedy Space Center



Chenega aircraft rescue and firefighting.

Company Description

Chenega Infinity, LLC, is a subsidiary firm of Chenega Corporation, an Alaska Native Corporation. Chenega Infinity is currently providing comprehensive physical security, law enforcement, and firefighting services to United States Government customers worldwide. Chenega Infinity maintains an extensive record of providing strategic and visionary ideas to our customers, and we consider ourselves in full partnership with their communities and leadership. This partnership includes our commitment to providing the highest level of protective services in support of our customers' workforce, visitors, and mission-critical assets.

Support Provided to NASA

Chenega Infinity works in partnership with Kennedy Space Center (KSC) daily to ensure the safety and security of the KSC community and its assets. NASA has recognized Chenega Infinity for its ability to provide exceptional leadership, management, and technical solutions that directly support NASA's complex mission requirements. Specifically, Chenega Infinity has been commended for retaining an exceptional workforce; maintaining a safe and secure work environment for the KSC population; conducting community outreach; and supporting multiple local organizations, such as the Salvation Army and March of Dimes.

Award-Winning Accomplishments

Chenega Infinity continues to provide innovative and cost-effective solutions for unique and complex mission requirements, including those associated with industrial security, firefighting, organized labor, and geographically disparate and overseas facilities.

Using multiple proprietary technology platforms, Chenega Infinity has improved the safety and security of their first-responder personnel through a unified internet-based platform. This proprietary platform uses mobile devices and cloud technology to support real-time incident reporting, guard tours, incident command, and customer interface. It also increases productivity and first-responder safety, ensures compliance, enhances communications, and promotes transparency between their operators and Government stakeholders.

Support Provided to the Small Business Community

As an Alaska Native Corporation, Chenega Infinity is proud to represent companies that enter the marketplace as Small Disadvantaged Businesses, draw on the resources of the Small Business Administration, and partner with customer agencies and their small business offices. Like many current and former small businesses, their comprehensive capability supports the most complex mission requirements while supporting the small-business utilization goals of their customers.

Chenega Infinity's expertise in managing organized labor includes their Program Manager participating in and supporting the KSC Labor Management Council.

Chenega Infinity's Program Management Office is also active in supporting and participating in industry forums such as the Space Coast Fire Chief's Association, the Brevard County Emergency Management Council, the Florida Fire Chief's Association, and the National Space Club of Florida.

The Future of Chenega Infinity

The charter of Chenega Infinity is to continue to build on its reputation of providing best-value, high-quality services and supporting critical operations for our Government customers. Chenega Infinity looks forward to continuing its partnership with NASA as its flagship customer and its legacy of providing services continuously rated as "exceptional" year after year.

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Herndon Solutions Group, LLC

Langley Research Center



Erosion and sediment control inspection of the construction site of LaRC's new Measurement Systems Laboratory (B2104).

Company Description

Herndon Solutions Group, LLC, doing business as Herndon Solutions Group, has been providing environmental, emergency management, and occupational health and wellness services since 2008. They currently have contracts at four NASA Centers: Kennedy Space Center, Langley Research Center, Glenn Research Center, and Marshall Space Flight Center. HSG also has multiple active contracts with the Department of Interior and Bureau of Land Management out of their Denver, Colorado, office. They also support multiple municipalities and local state governments with assistance in environmental compliance, and they are specialists in meeting the requirements of the America's Water Infrastructure Act. The HSG team is located in 10 states across the country. Their headquarters is located in Las Vegas, Nevada.

Support Provided to NASA

HSG provides environmental compliance, as well as occupational health and wellness services, helping NASA meet all mission requirements through sustained health of the environment, the workplace, and the worker. At Kennedy Space Center, their services include aerospace medicine, industrial hygiene, and environmental monitoring for launch, all supporting NASA's return to crewed space flight and the Artemis mission. At Langley Research Center, HSG provides the full scope of environmental compliance services for the Center. They assist NASA with meeting compliance requirements for the quality of air, water, storage tanks, remediation of contaminated sites, energy and water conservation, and sustainable acquisition. At Glenn Research Center, HSG provides comprehensive occupational health and wellness services, including operation of the Center medical clinic and fitness facility.

Award-Winning Accomplishments

In response to a complex environmental challenge associated with the Langley Research Center (LaRC) Construction Debris Landfill, HSG independently developed an innovative and adaptable tool to capture legacy LaRC contamination data, aid NASA in the negotiations with other Federal regulators, and develop a cost-efficient and effective approach to the long-term environmental monitoring and sustainment of the legacy site.

During the extended Government shutdown of 2019, HSG sustained all critical operations of the contract, to include sustaining progress on environmental deliverables outside the management and oversight of the Government, limiting the impact of the shutdown to LaRC's environmental compliance and management programs.

Support to the Small Business Community

HSG has been a strong supporter of small business development in all subcontracting and procurement strategies. While not required to sustain a small business contracting plan, they frequently balance new work with multiple small business subcontractors that form a substantial portion of HSG's team of professionals. While they have a large business partner, Wood, Inc., to bring value and support to specific contract elements that require highly technical reach-back and surge support, all procurements are evaluated to include small businesses wherever possible. For example, on the development of environmental documents for the complex Construction Debris Landfill remediation, HSG balanced the tasking between their large business partner and several small business consultants to both bring the value of multiple perspectives and enhance the use of small business entities where possible. Their small business emphasis also includes materials and supplies, which are typically procured from local small businesses.

The Future of Herndon Solutions Group

HSG has had an exciting year of growth in 2019, and they look forward to further developing their support of NASA as the Nation returns to crewed space flight. They are also seeking to further support NASA's vision of a multi-use spaceport and reaching out to commercial space customers at Kennedy Space Center and other Centers to provide integrated services alongside their NASA partners.

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Aerie Aerospace, LLC

Marshall Space Flight Center



SLS liquid oxygen tank being transported on Aerie-built ground support equipment prior to its installation into the test stand.

Company Description

Aerie Aerospace, LLC (Aerie), is a joint venture formed in 2014 by Aetos Systems, Inc., and Engineering Research and Consulting, Inc. (ERC), in Huntsville, Alabama. With Aetos Systems, Inc., as the 8(a) managing partner and majority owner, Aerie was formed for the specific purpose of performing the Marshall Engineering Technicians and Trades Support (METTS) contract at Marshall Space Flight Center. Building on the exceptional past performance records of its parent companies, Aerie has become a leading small business with expertise in providing a broad range of technical, engineering, and scientific support services to NASA and the aerospace industry. Under METTS, Aerie's technical expertise is applied to the performance of test operations, fabrication and assembly, metrology and calibration services, and operation of propellant and gas delivery systems.

Support Provided to NASA

Although 2019 started with employees furloughed due to the Government shutdown, Space Launch Systems (SLS) test schedules required the Liquid Hydrogen Tank Structural Test Article to be installed in Test Stand 4693 during this time. This highly complex task required multishift, 24/7 work schedules including a very critical, two-crane lift positioning the tank into the stand. Marshall Space Flight Center and SLS management recognized Aerie for their outstanding performance during this challenging task, which was completed 14 days ahead of schedule, preserving time for other critical SLS activities, all while NASA was officially shut down. Additionally, Aerie supported multiple programs, including manufacturing components of the International Space Station Environmental Control

Life Support Systems and the Orion Multi-purpose Crew Vehicle and providing nondestructive evaluation services to Europa, the Imaging X-ray Polarimetry Explorer (IXPE), and many other projects.

Award-Winning Accomplishments

Aerie was selected for a small business award based on their ability to effectively partner with NASA and provide a sustained high level of excellence in the technical services required. Aerie employees and management have a simple, effective approach to performance: listen closely and understand NASA's needs and requirements, apply the best available resources, then execute the work with quality and integrity.

Support Provided to the Small Business Community

Aerie is an active participant in many small business organizations and initiatives, such as the Marshall Space Flight Center Small Business Executive Leadership Team (SBELT), the Marshall Prime Contractors Supplier Council (MPCSC), and the Catalyst Center for Business and Entrepreneurship. Aerie Chairperson and President Donna Coleman served as a member of the former NASA Industry Forum (NIF), supporting the NASA Office of Small Business Programs (OSBP) by providing advice, counsel, and a Women-Owned Small Business viewpoint to Agency-level discussions on small business participation at NASA.

The Future of Aerie Aerospace

Aerie will continue to provide technical services to NASA and associated contractors through the METTS contract until its completion. Aerie has built a reputation for executing contract tasks at the highest levels of quality and excellence, delivering value and exceeding expectations for performance across a broad range of technical work. Their plan is to build on the solid foundation created over the past 5 years at MSFC, develop and expand the close partnership they have with NASA, and continue to be the small business of choice for NASA when it seeks service providers capable of performing highly complex technical work.

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Sure Secure Solutions, LLC

NASA Shared Services Center



Sure Secure Solutions team members volunteered to do a local cleanup and reforestation in their local town for Earth Day.

Company Description

Sure Secure Solutions is a Women-Owned Small Business based in the Washington, DC, metropolitan area. They provide cloud, cybersecurity, data analytics, and web development services to their Federal and commercial customers. Sure Secure Solutions is committed to providing high-quality solutions that are delivered on time and under budget and exceed customer requirements and expectations. This commitment has been recognized by both the Small Business Administration and NASA on the Center level on several occasions, including Sure Secure being awarded Small Business Prime Contractor of the Year in 2016, 2017, and 2019. Their greatest pride, however, comes not from these designations, but from their teamwork, trust, core values, and company relationships. They take people who matter to places that matter!

Support Provided to NASA

- **Cloud Architecture and Cloud Security:** Sure Secure Solutions provided key Subject Matter Expertise (SME) recommendations for the near-real-time environment instance reports with costs and identifying IT resources and changes to the East2 Web Services (E2WS) Cloud running environment. This enabled the NASA Office of the Chief Information Officer (OCIO) Web Services Office (WSO) to realize cost savings and optimization of the E2WS environment.
- **Data Analytics:** Sure Secure created custom reports for OCIO and the Chief Information Security Officers (CISOs) across all Centers on the HTTPS-only initiative and assisted the Center in tracking and reducing vulnerabilities.
- **Drupal Development and Support:** Sure Secure Solutions created the E2WS PaaS service ordering marketplace space for potential customers, decreasing use of static forms and callbacks to the customer. Sure Secure Solutions also updated the responsiveness and usability of the new Inside NASA site.

Award-Winning Accomplishments

Under the excellent leadership of Sure Secure's Executive Vice President Mickey Afzal, the company provided a high level of expertise to the NASA Web Services Cloud Environment at the Office of the Chief Information Officer (OCIO). Their support and recommendations for IaaS, SaaS, and PaaS directly resulted in optimized services, identification of opportunities for cost reductions, and sound decision making for NASA. Sure Secure also demonstrated exceptional program management and administrative control, which exceeded expectations on contractual requirements, submissions, and the accuracy of the data, earning them the respect of other vendors and customers at NASA.

Support Provided to the Small Business Community

In 2019, Sure Secure Solutions graduated from the 8(a) program but continues to partner with local small businesses as a Women-Owned Small Business. Sure Secure Solutions is proud to be part of the NASA Mentor-Protégé program with Leidos at Marshall Space Flight Center. The team also actively participated in small business industry days at NASA and has attended small business events at Johnson Space Center, the Jet Propulsion Laboratory, Stennis Space Center, and Kennedy Space Center in 2019.

The Future of Sure Secure Solutions

Sure Secure has grown from a small team at NASA Headquarters to teams across multiple NASA Centers. In 2020, the company will formally establish Sure Secure's satellite office in Huntsville, Alabama, to better support the Application Office (AO) mission at Marshall Space Flight Center. They strive to provide clients with a talented and driven workforce, acquiring and maintaining relevant certifications to keep up to date with rapidly evolving technology. The company also takes pride in investing and furthering the future of this industry with an active internship program providing local students with opportunities to earn hands-on experience with technology.

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SaiTech, Inc.

Stennis Space Center



Stennis OCIO outreach support.

Company Description

SaiTech, Inc., is a Women-Owned Small Business specializing in IT support services with extensive experience in IT engineering and operations, network engineering, technical support, telecommunications, data center operations, systems administration, help desk/technical support, IT security, and document management. SaiTech has supported various NASA Centers since 1997. SaiTech's owners bring a 30-year history of supporting NASA, having engineered and integrated major elements in the telecommunications infrastructure and NASA Wide Area Network. SaiTech's credentials are superb technical capabilities, a proven track record, and outstanding past performance on Government contracts.

Support Provided to NASA

At Stennis Space Center, SaiTech provides IT planning, policy, security, data center, and systems administration services; applications and website development; telecommunications; audio/video services; cable plant, help desk, and technical support; technology support; and document and records management. At the NASA Shared Services Center, they provide Enterprise Service Desk and Procurement Support. At Goddard Space Flight Center, they provide engineering and compatibility testing of spacecraft to identify potential RF-interface problems. They provide Deep Space Network (DSN) support at the Jet Propulsion Laboratory—24/7 Network Operations Control Center Support, along with hardware and software systems support for DSN subsystem complex antennas. In FY 2019, SaiTech won a major 5-year prime contract as a Joint Venture (with Venesco, LLC) on the NASA Headquarters Information Technology Support Services (HITSS III) Contract. They also started a new subcontract with Leidos, the NASA End-User Services and Technologies (NEST) contract, providing end user support.

Award-Winning Accomplishments

SaiTech's innovative processes and cost savings initiatives have helped to enhance the Stennis Rocket Propulsion Testing mission by managing critical rocket propulsion test data in the Stennis Data Center. The staff has created applications to enhance rocket-testing information sharing with the development and release of the Rocket Propulsion Testing mobile application. To safeguard and assure availability of the mission-critical data, SaiTech implemented industry-leading data virtualization and management and data backup solutions. Stennis Space Center stated that SaiTech's support in managing Level Off Effort (LOE) Task Orders is exceptional.

Support Provided to the Small Business Community

SaiTech helps organize small business trade shows sponsored by NASA and supports other small businesses at the events. They work with Small Business Specialists to organize informational seminars for small businesses about obtaining financing, winning contracts, finding partnerships, and other activities that help the participants in building strong partnerships. They also formed a small business joint venture with another 8(a) small business and won NASA's HITSS III contract. This helped the 8(a) company to win their first NASA contract.

The Future of SaiTech

SaiTech will continue to provide IT and space communications support to NASA and other Federal agencies. Their goal is always to continue to provide outstanding performance on existing and future contracts. SaiTech will continue as prime and subcontractor to large primes. They want to expand their business to other NASA Centers by winning new contracts. As they grow, they want to help other small businesses, starting with teaming up with other small businesses on new opportunities.

Mangala Annambhotla, President and CEO

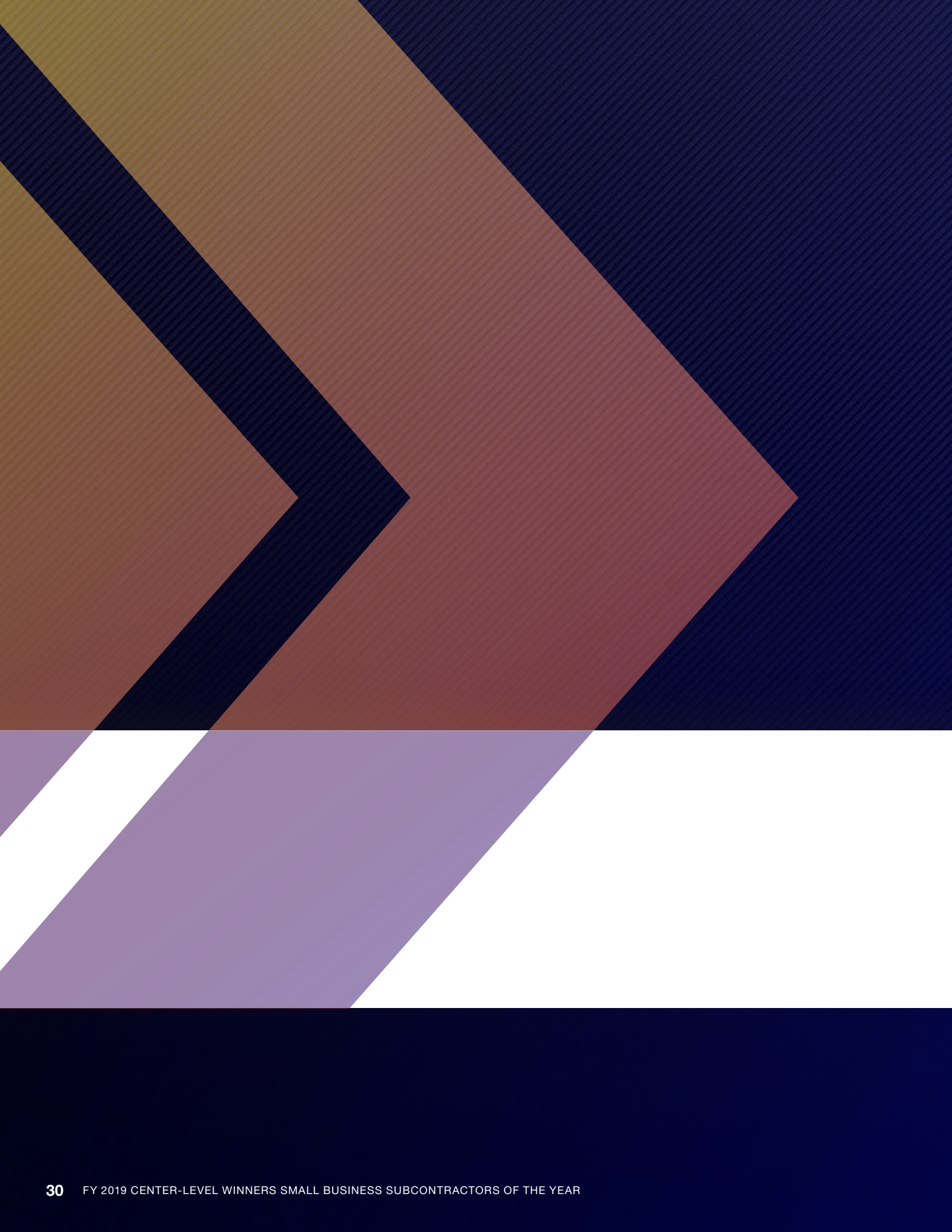
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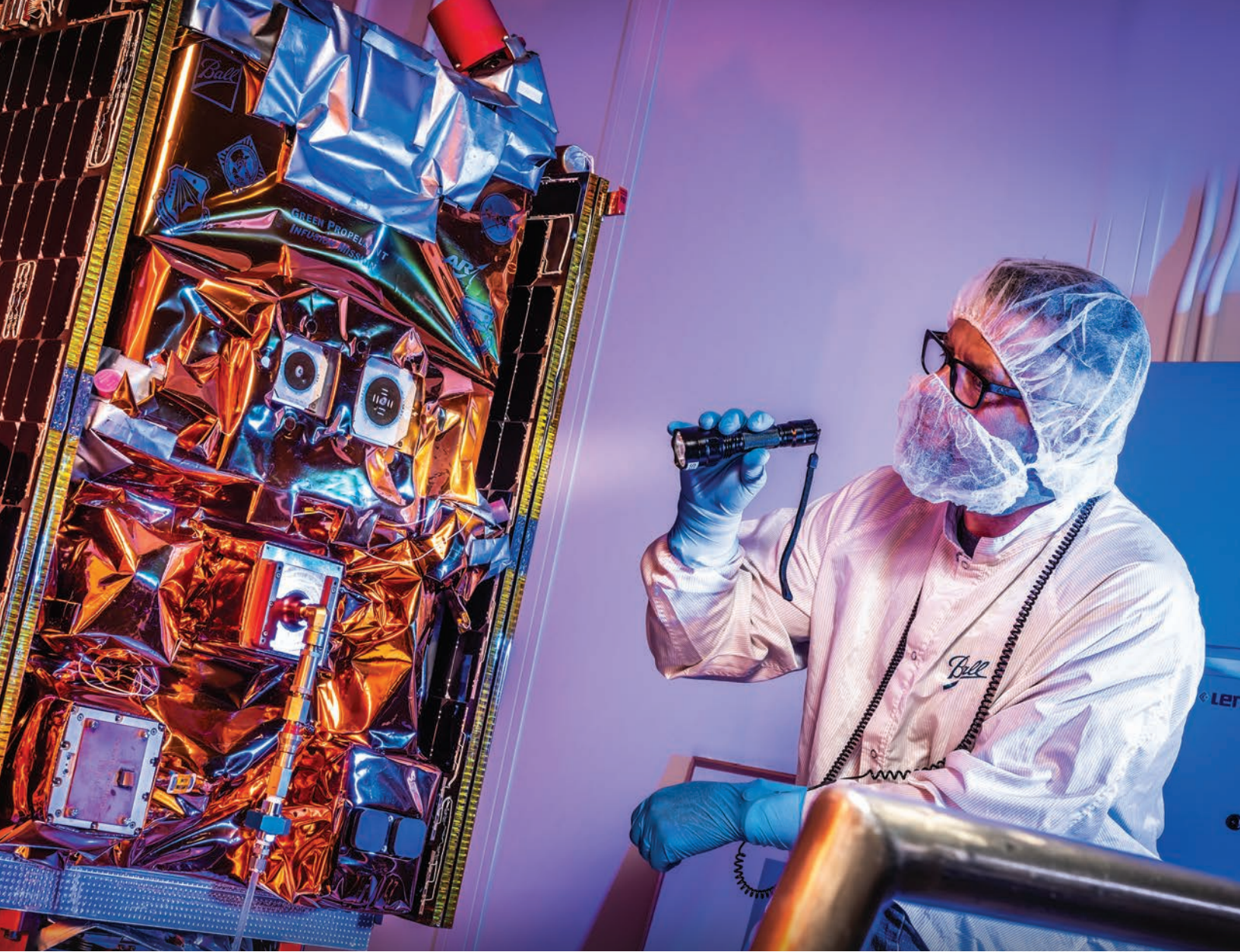
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FY 2019 CENTER-LEVEL WINNERS
**SMALL BUSINESS
SUBCONTRACTORS OF THE YEAR**

Shamrock Compressor Services

Ames Research Center



Aerial view of the Ames Research Center campus, where Shamrock Compressor Services conducts its contract requirements.

Company Description

Shamrock Compressor Services provides the following services: air compressor sales, repair and service, general piping and electrical, and general construction.

Support Provided to NASA

Shamrock Compressor Service provided support for air-compressed systems at NASA. The company also provided general maintenance and construction for various locations throughout NASA.

Support Provided to the Small Business Community

Shamrock Compressor Service is a small business and also works with small business subcontractors.

The Future of CRM Solutions

Shamrock Compressor Services' plan for the future is to provide NASA with any support that enables them to meet their goals in the future.

James Malone, Owner

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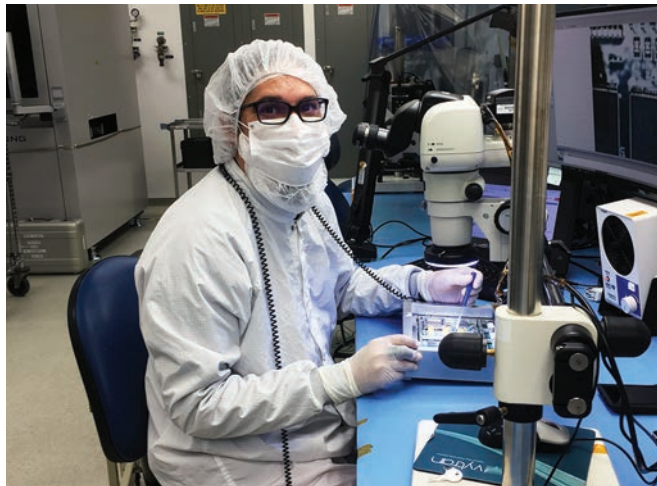
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Columbus Technologies and Services, Inc.

Goddard Space Flight Center



Columbus employee Alexandro Medina in the Electronics Manufacturing Packaging and Technical Services section performing cleaning, assembly, and quality control/assurance procedures on circuit board platforms for the Mars 2020 Rover.

Company Description

Founded in 2003, Columbus Technologies and Services, Inc., is a leading provider of aerospace engineering and technology services to NASA with strong credentials in systems, software, mechanical, and electrical engineering. The company has served NASA since 2004, when it began providing services for the Jet Propulsion Laboratory (JPL), Goddard Space Flight Center, Marshall Space Flight Center, and Armstrong Flight Research Center. Columbus brings Capability Maturity Model Integration (CMMI) Level 3 and ISO 9001:2015-certified processes; a highly experienced leadership team; a deep understanding of NASA's complex projects and missions; and expertise in science, engineering, and program management. They have been recognized with multiple industry awards, including the 2017 Small Business Prime Contractor of the Year award at JPL and the 2017 Small Business Administration 8(a) Graduate of the Year.

Support Provided to NASA

Columbus provides full life-cycle engineering support for the Jet Propulsion Laboratory as a prime contractor supporting multiple lunar, Mars, and Europa space exploration missions, as well as the future telescope observatory Wide-Field Infrared Survey Telescope (WFIRST). As a subcontractor, the company supports the Goddard Ground Systems and Mission Operations (GSMO-2) contract, the JPL Data Systems Implementation and Operations (DSIO) contract, and Agency-wide support on the NASA End-user Services and Technologies (NEST) contract. In 2019, Columbus was instrumental in successful NASA life-cycle design reviews for WFIRST and Europa Clipper, as well as the completion of verification testing of the Mars 2020 rover. Columbus also surpassed a major milestone this year, providing 1 million person-hours of engineering support work at JPL without a single lost-time injury.

Award-Winning Accomplishments

One of the reasons Columbus won the 2019 Goddard Subcontractor of the Year Award was for providing excellent system engineering support for the Lunar Reconnaissance Orbiter (LRO). This year, LRO experienced a lunar eclipse that lasted more than 4 hours. Columbus engineers were instrumental in analyzing eclipse conditions, spacecraft configuration, and recovery details. Their team also supported the LRO's successful location of two lunar landers (China and Israel). Additionally, they supported mission-critical systems for the Earth Science Mission Operations project.

Support Provided to the Small Business Community

Columbus provides extensive expertise to the small business community supporting NASA. Having developed as an 8(a) and Small Disadvantaged Business, Columbus understands the challenges that exist for small businesses in the highly technical aerospace industry. They mentor several smaller companies, including establishing two formal Small Business Administration Mentor-Protégé Agreements with technology firms: one an 8(a) and the other a Service-Disabled Veteran-Owned Small Business (SDVOSB).

The Future of Columbus Technologies and Services

NASA is Columbus's top strategic priority due to the importance of exploration and scientific discovery. The company plans to substantially increase its footprint at NASA. They have invested resources pursuing future opportunities at Goddard Space Flight Center (GSFC), Glenn Research Center (GRC), Ames Research Center (ARC), Armstrong Flight Research Center (AFRC), Marshall Space Flight Center (MSFC), and the Jet Propulsion Laboratory (JPL). Recently, they opened a Corporate Center of Excellence in Greenbelt, Maryland, as a technology demonstration incubator and for training their NASA support staff. They are planning to develop an Engineering Innovation Center to support future JPL, ARC, AFRC, GSFC, and MSFC efforts. Also, Columbus is opening a new office in Huntsville to support growth at MSFC and Redstone.

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 Columbus Technologies and Services

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AMRO Fabricating Corporation

Johnson Space Center



Orion's underlying structure for Exploration Mission-2 fabricated by AMRO.

Company Description

AMRO Fabricating is a third-generation, family-owned business located in a HUBZone in Southern California. AMRO has been a subcontractor on the Orion program since 2012, when AMRO was tasked with manufacturing various large-scale aluminum parts for the Orion Ground Test Article (GTA). Leveraging the experience gained from producing those first components, AMRO decided to invest more than \$5 million to add four new machine centers at its facility, including large-diameter turning, so that it could better serve NASA's Orion program. With its new capabilities, AMRO won contracts to build components for Orion's Artemis mission vehicles and went on to successfully form and machine the Artemis II Cone Panels—four large, intricate, and complex aluminum panels that are the “skeleton” of Orion's 16-foot-diameter Crew Module. AMRO is the chosen supplier to build these panels for all future Orion builds, as well as for the Launch Abort System (LAS) Motor Adapter Cone (MATA), LAS hatch, forward bay cover, and forward and aft rings for Orion.

Support Provided to NASA

AMRO's performance in FY 2019 exemplifies the company's commitment to NASA's Orion Program and the critical paths for Artemis I and II. On contract to deliver two MATAs to support NASA's Ascent Abort 2 (AA-2) test, AMRO found themselves faced with extraordinary challenges when two outside factors impacted their planned performance. First, the aluminum forgings needed for the MATAs were delivered behind schedule. Then, the Orion program decided to move in the AA-2 test to reduce risk on EM-1 (now Artemis I). These two events forced AMRO to perform a 14-week job in only 10 weeks. Unwavering in its dedication to NASA, the AMRO team added additional workforce shifts on nights and weekends, and they negotiated alternative schedules with their other customers to accommodate the Orion schedule. To really appreciate AMRO's challenge, consider that

4 weeks is more than one quarter of a 14-week schedule. AMRO had to perform at 140 percent to get the job done on time.

This year, AMRO is also machining the Artemis II Forward Bay Cover (FBC) from a newly developed titanium forging, as well as the aft and forward rings. All of these were recent awards that were added to their original Indefinite Delivery, Indefinite Quantity (IDIQ) contract for the Cone Panels. AMRO has embraced Lockheed Martin's affordability approach and has agreed to provide all future Orion work on the original Firm Fixed Price (FFP) IDIQ contract.

Award-Winning Accomplishments

AMRO constantly looks for other ways to provide further value to the Orion program, and they partner with Lockheed Martin (LM) on research and development efforts that benefit the Orion program. AMRO completed forming, aging, and rough machining of a developmental aluminum alloy 2050 cone. They precisely removed test samples from original 6-inch-thick window areas such that LM was able to characterize mechanical properties through the thickness. After LM funding ran out, AMRO chose to continue working on the article to perform final machining and priming of the 2050 cone article. The 2050 cone article represents significant mass savings opportunity over the 2219 aluminum currently used on Orion. Even if Orion does not adopt 2050, this research benefits NASA's other programs where “mass is king,” such as the Integrated Lunar Lander, NextSTEP Habitat, and NASA's emerging Gateway programs.

The Future of CRM Solutions

AMRO Fabricating Corporation's tagline is “#excelling into the future.” Without giving away any secrets, AMRO is continuing to invest in and expand its capabilities and facilities to the extent that they can better serve their key customers on key programs. The emphasis is to stay out in front of advanced manufacturing technologies and provide maximum value back to their key customers.

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Aerodyne Industries, LLC

Kennedy Space Center



Aerodyne supported NASA's Exploration Ground Systems Program with the successful Ascent Abort-2 (AA-2) Test.

Company Description

Aerodyne Industries, LLC, is a Service-Disabled Veteran-Owned Small Business (SDVOSB) headquartered in Cape Canaveral, Florida. Owner and CEO Andrew M. Allen has had great success in various phases of his career, as a Marine aviator, NASA Shuttle pilot and mission commander. He has shaped Aerodyne into a top-performing, high-technology small business. Aerodyne recruits, develops, and retains a talented and diverse team. At Kennedy Space Center, they provide Program Level Information Technology responsibilities and critical engineering functions, including electrical, mechanical, software, design, safety, quality, logistics, procurement, and project management.

Support Provided to NASA

Aerodyne is a small business subcontractor teammate on the Test and Operations Support Contract (TOSC). TOSC provides the overall management and implementation of ground systems capabilities, flight hardware processing, and launch operations at Kennedy Space Center. These tasks support the International Space Station, Exploration Ground Systems, Space Launch System, Orion Multi-Purpose Crew Vehicle, and Launch Services Programs. The company performs work at eight NASA Centers, and they are proud to play a critical role supporting NASA's Artemis missions to explore the Moon and Mars. They continue to support a return to the Moon by 2024 as they transition from development and planning to operations. Aerodyne also supports KSC's vision as the world's preeminent launch complex for Government and commercial space access.

Award-Winning Accomplishments

Aerodyne's highly skilled personnel provide a cost-effective, high-performing workforce that demonstrates innovation, leadership, and

flexibility to multiple customers, earning Subcontractor of the Year Awards in 2017 and 2019. Since the advent of TOSC, the company has consistently received outstanding award fee scores for assisting NASA as KSC transitions to a multi-user spaceport. Their team is dedicated to providing customers with opportunities for process improvements and cost reductions, and this past year was no exception.

Support Provided to the Small Business Community

Small companies often have travel budget constraints, but an Aerodyne priority is to attend NASA small business events Nationwide. In the past year, the company has participated in multiple NASA-sponsored events in Alabama, California, Colorado, Florida, Maryland, and Virginia. They find that hosting event booths is an invaluable networking opportunity, and the Small Business Specialists are extremely supportive when navigating through the various NASA Centers. As a close-knit small business, they focus on their employees and its community. Their outreach program supports a myriad of charitable events, and the company has come to the aid of their employees when natural disasters struck at Kennedy Space Center and Johnson Space Center. Aerodyne cares about their employees, who in turn care deeply about the needs of their customers.

The Future of Aerodyne Industries

Aerodyne's management has a large-business pedigree but prefers the touch and feel of a small business. The firm is able to focus on customer needs and work alongside employees to ensure satisfaction. Employees enjoy similar benefit packages to those found at larger businesses; however, they find greater satisfaction on a smaller team in which individual contributions are more appreciated. This recipe fosters steady growth, and with growth, Aerodyne reduces overhead costs and delivers a reasonable cost structure that sets the stage for further expansion. It's all about performance, and the company is extremely pleased with their employees. Successful teamwork on challenging programs enables Aerodyne to look optimistically toward the future. They will continue to network at NASA small business events to seek new growth opportunities for the company.

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Quartus Engineering, Inc.

Langley Research Center



Quartus's headquarters in San Diego, California, is about 50,000 square feet with a 14,000-square-foot shop floor.

Company Description

Founded in 1997 by four engineers from Structural Dynamics Research Corporation (SDRC) who made Integrated Design and Engineering Analysis Software (I-DEAS CAD), Quartus began as a finite element analysis (FEA) services provider, which remains a core competency and large portion of the work performed. Quartus's key capabilities include structural analysis; thermal analysis; computational fluid dynamics (CFD); vibroacoustics; aeroelastic analysis; coupled loads analysis; composite structures; structural, thermal, and optical performance (STOP) analysis; system development; mechanical/aerospace and optomechanical design; electrical engineering; embedded systems; field-programmable gate array (FPGA); software; and prototype or low-rate-production hardware builds.

Support Provided to NASA

Quartus has been supporting NASA in several areas, including the following programs funded by the Earth Science Technology Office (ESTO): the Stratospheric Aerosol and Gas Experiment IV (SAGE IV), Accurate Calibration of Lunar Spectral Reflectance from space (ARCSTONE), and DEMonstrating the Emerging Technology for measuring the Earth's Radiation (DEMETER.) Quartus has utilized expertise in optical system development and analysis, including Structural, Thermal, and Optical Performance (STOP) analysis. Quartus has also continued system-level analysis support for the James Webb Space Telescope and analysis for the NASA Engineering Security Center (NESC). Additionally, Quartus began work on a Phase I Small Business Innovation Research (SBIR) program to further validate Quartus STOP analysis capabilities. This paved the way for semi-custom CubeSat optical systems, utilizing design and analysis tools from the SAGE IV optical telescope. Quartus continues to

engage with the science community to accelerate development and lower risk postures for science payloads.

Award-Winning Accomplishments

Quartus has been a provider of high-end mechanical analysis services for more than 22 years. It has grown its core competency to provide simulation-driven design solutions for various cutting-edge applications, including space and airborne remote sensing. Quartus has developed internal STOP analysis capabilities, leveraging the expertise in mechanical simulation, internally developed code, and industry software to design and build complex optical systems, lowering risk postures and accelerating the progression through technical readiness levels. Quartus is working on an SBIR to validate analytical tools and modeling methodologies beyond a particular project and use case.

Support Provided to the Small Business Community

Quartus is a small business and has participated in the SBIR program. Quartus has been able to attend small business opportunities expos at both NASA Kennedy Space Center and the Jet Propulsion Laboratory, as well as a NASA Langley Research Center Small Business Council Meeting. Quartus is on the advisory board for the Laser Technology Technician Education Program being developed at Pasadena Community College.

The Future of Quartus Engineering

Quartus has been working to engage strategically with customers, including NASA, by developing internal research and development (IRAD) programs and SBIR proposals that align with their technical goals. Quartus plans to build upon the SBIR work done to date by engaging with Primary Investigators (PIs) early in programs, at Technical Readiness Levels (TRL) between 1 and 2, to help drive appropriate architectural decisions. Quartus will continue model validation and testing, allowing the development of optical systems for new science missions with sufficient data to justify the jump from low to high TRLs (i.e., TRL 3 to 6.) This would allow significant cost savings across missions, allowing more science to be done for less money.

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Tuskegee University

Marshall Space Flight Center



Aerial view of the Tuskegee University campus.

Company Description

Tuskegee University (TU) is a private, state-related institution and one of Alabama's three land-grant universities. Tuskegee University has distinctive strengths in the sciences, architecture, business, engineering, health, and other professions. The College of Engineering offers four undergraduate programs in aerospace science and chemical, electrical, and mechanical engineering that are accredited by the Accreditation Board for Engineering and Technology (ABET). Tuskegee's aerospace engineering program is the only ABET-accredited program at a Historically Black College or University. Graduate programs are available at the master's level in chemical, electrical, and mechanical engineering. Doctorate and master of philosophy programs are also offered in Materials Science and Engineering (MSEG). TU produces a large number of African American Ph.D.'s in MSEG, serving the academic, Federal, and industry arenas.

Support Provided to NASA

Under a Mentor-Protégé Agreement, Tuskegee University has been providing professional engineering subcontracting support through Jacobs Technology, Inc., supporting contracts at Marshall Space Flight Center. The Engineering Services and Science Capability Augmentation contract has included services and skills across a broad spectrum of engineering and science disciplines for the purposes of design, analysis, development, and testing. These have supported Marshall's Engineering Directorate, as well as other programs and

projects across the Center. It has also benefited NASA activities and other projects for which Marshall has responsibility, including support to the Department of Defense and other Government, commercial, or educational activities. During the partnership with Jacobs, several students have held spring and summer term internships.

Award-Winning Accomplishments

Tuskegee University won this award for providing exemplary professional engineering subcontracting support to NASA in partnership with the Huntsville-based Jacobs Space Exploration Group. This provided valuable technical contributions to the Space Launch System program.

Support to the Small Business Community

Like other educational institutions, Tuskegee University College of Engineering supports small businesses in the following ways: attending Mentor-Protégé activities, sponsoring industry forums and training workshops, and partnering with small businesses in Small Business Innovation Research and Small Business Technology Transfer.

The Future of Tuskegee

In the future, Tuskegee University will seek to increase engagement with NASA through funded research projects; provide opportunities for Tuskegee students to have co-op and summer internships at NASA Centers; and build a strong pipeline for workforce development for NASA, the aerospace industry, the Department of Defense, and other Government labs.

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Aetos Systems, Inc.

NASA Shared Services Center



Aetos employees installing an Early Warning System at Marshall Space Flight Center.

Company Description

Aetos Systems, Inc., is a certified Native-American, Women-Owned, small business based in Huntsville, Alabama, with exceptional past performance as a NASA and Department of Defense (DOD) contractor. Aetos was founded in 2007 for the purpose of bringing innovation to market to solve real-world business problems for their Government and commercial customers, specializing in engineering services, information technology (IT), energy management/building automation, and education. The company's reputation for integrity, fairness, and measurable results keeps their customers loyal. Aetos continues to serve every customer who has entrusted it with their business since inception.

Support Provided to NASA

Aetos is a fully integrated partner to NASA, with multiple prime contracts and subcontracts, giving them a footprint that touches all NASA Centers. Aetos plays an integral role in the successful execution of NASA's mission by providing both institutional support and technical support. Aetos provides multi-disciplinary support ranging from institutional infrastructure through building automation and human capital support. They also provide information technology support, educational outreach, organizational development, technology transfer/commercialization, communication control for mission operations, engineering and test efforts in support of the Space Launch System (SLS), and launch support activities for the Expendable Launch Vehicle activities at NASA Kennedy Space Center (KSC).

Award-Winning Accomplishments

Aetos has been a subcontractor on the NASA Integrated Communication Services (NICS) contract since the contract was awarded in 2011 and was previously on the Unified NASA Information Services (UNITeS) effort since 2007. Aetos increased its support to the NICS

effort throughout the life of the contract, both in size and complexity of scope. Through Aetos's exemplary performance, they have become a trusted provider, performing complex contract activities that are not typical for companies Aetos's size. Science Applications International Corporation (SAIC) and NASA can depend on Aetos employees to be creative and innovative in their support of the NICS effort. Aetos implemented innovative approaches to tracking instructor-led training activities; enhancements to Computer-Aided Design (CAD) drawings that provide "reach out and touch you" inspired images; and a unique information game, the CubeSat Dash.

Support Provided to the Small Business Community

Aetos remains actively involved in multiple NASA outreach events across multiple NASA Centers. The company has participated on the MSFC Small Business Executive Leadership Team (SBELT) since 2010, and the Chief Executive Officer has served as chairperson as well. Aetos's CEO also served on the former NASA Industry Forum (NIF) from 2015 until the organization's closure. Aetos is committed to the success of the NASA small business community. It supports small business growth and provides informal mentoring to other small businesses. The company continues to advocate on behalf of small businesses across NASA. On average, Aetos supports more than 25 NASA small business-related activities each year.

The Future of Aetos Systems

Aetos remains committed to NASA's mission and supports multiple long-range project efforts. They look forward to continuing to grow as a company and expand their technical capabilities for many years to come. In addition to growing their own capabilities, the company plans to continue to be an active member of the small business community to partner, mentor, and assist other companies in their success as they focus on further developing a strong set of technical capabilities in support of the Aetos customer base.

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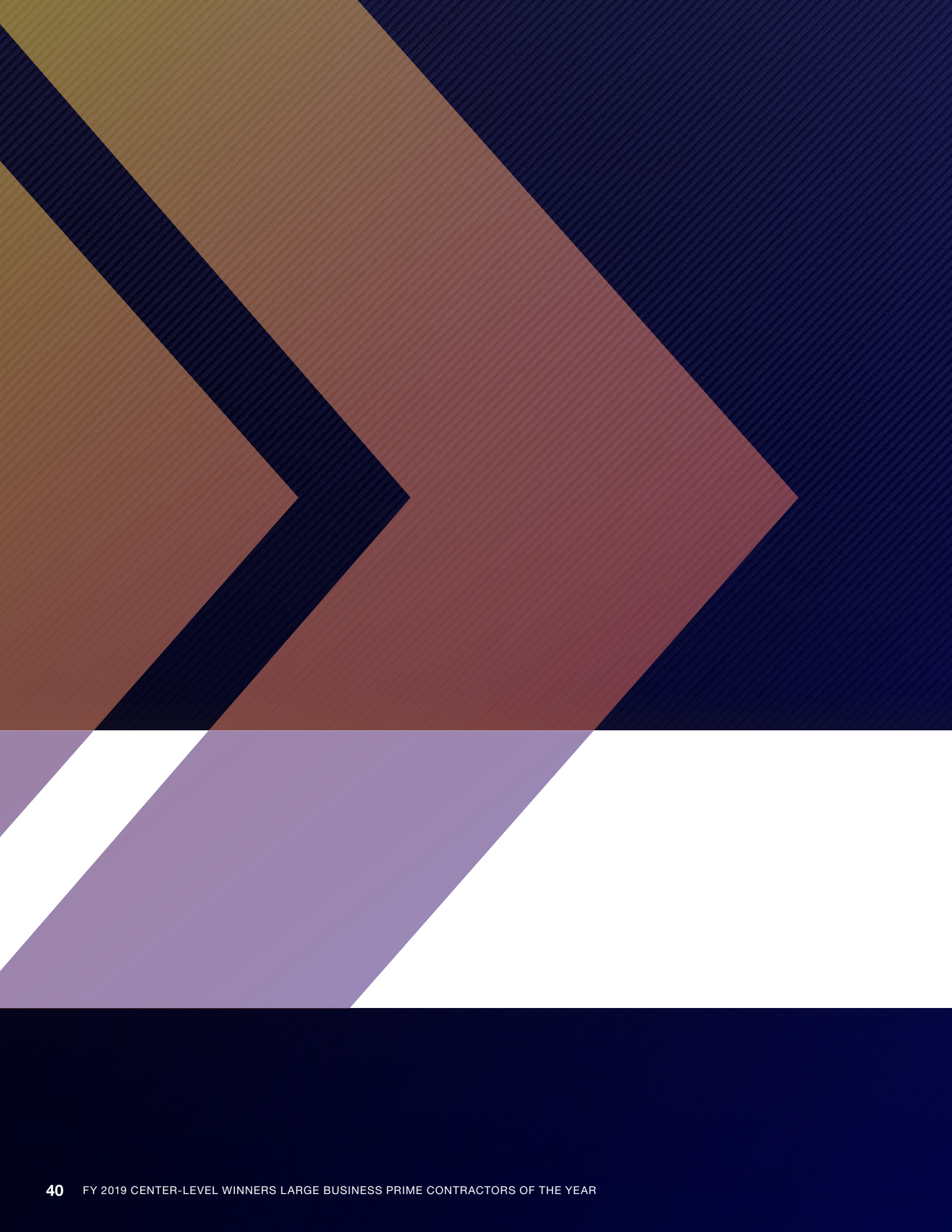
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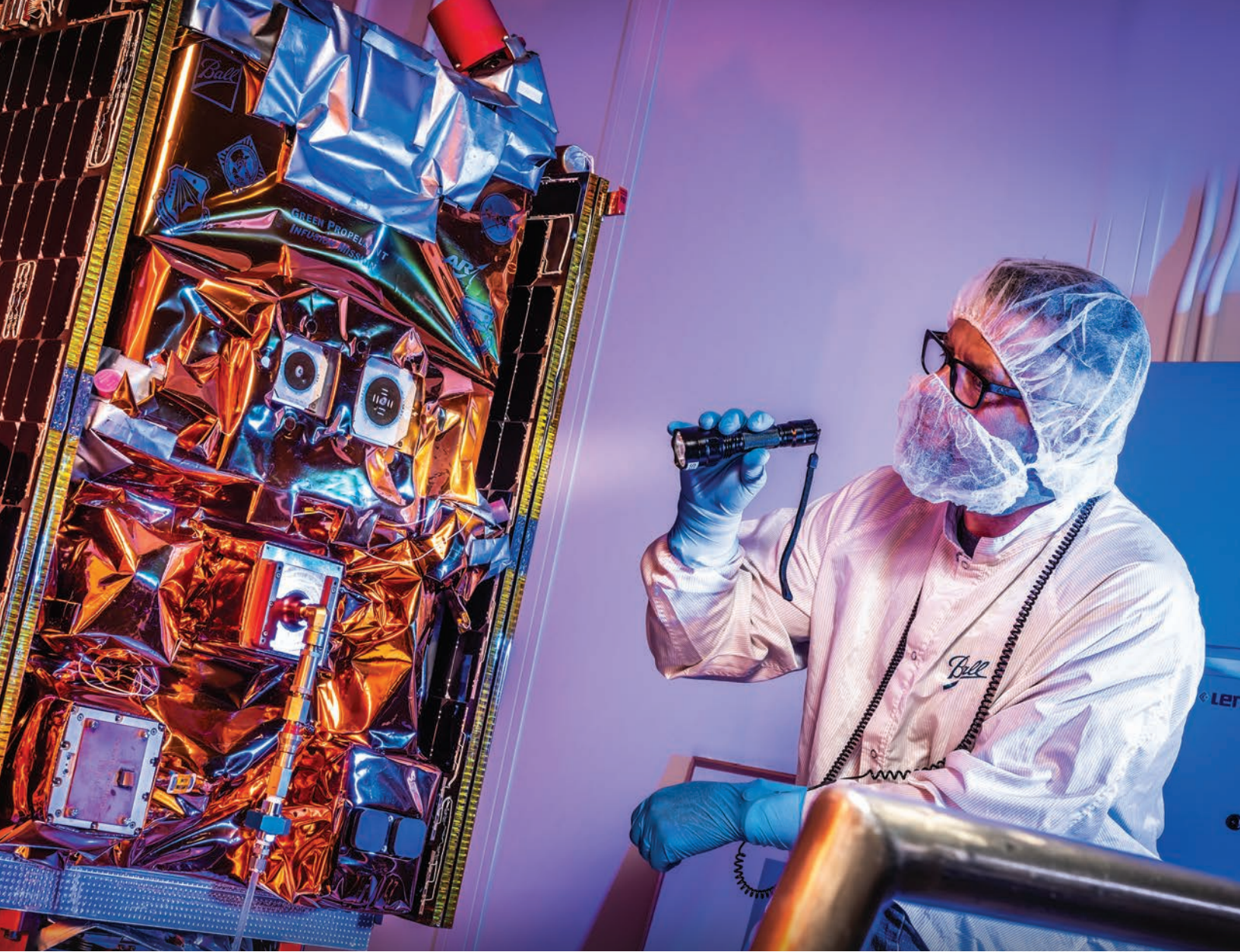
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FY 2019 CENTER-LEVEL WINNERS
LARGE BUSINESS
PRIME CONTRACTORS OF THE YEAR

SGT, LLC (a business unit of KBR)

Ames Research Center



KBR has provided long-term engineering, technical, and scientific solutions to NASA dating back to their work on Project Gemini. Their expertise includes sustaining engineering and maintenance for Extravehicular Mobility Units and space tools.

Company Description

Acquired in 2018, SGT, LLC, is a part of KBR, a global provider of comprehensive solutions within the Government and energy sectors. They ensure mission success, improve operational capability, and drive innovation. They are known for their work on complex and large-scale projects as well as for working in extreme environments ranging from the most remote places on Earth to the far reaches of space. With customers in more than 80 countries and operations in 40 locations, KBR delivers unparalleled engineering, operations, logistics, scientific, information technology, and cybersecurity expertise.

Support Provided to NASA

KBR has provided long-term engineering, technical, and scientific solutions to NASA dating back to its work on Project Gemini. Their expertise includes human/robotic space flight, planetary/life science, satellite integration/mission operations, and ground systems/communications. KBR supports Ames Research Center through multiple contracts. Their work includes support of the Intelligent Systems Division on scientific research, technologies and applications development, and the infusion of advanced information systems technology for NASA missions and other Federal projects. They also provide program and project management support for bioscience flight development projects on the International Space Station and collaborative science programs. In 2019, KBR continued to further the Center's mission by providing its engineering expertise to support small spacecraft missions and unpiloted aircraft integration into the national airspace.

Award-Winning Accomplishments

Since 2014, SGT, LLC, a business unit of KBR, has provided exceptional service to the Intelligent Systems Division, Code TI, at NASA's



Ames Research Center on the Intelligent Systems Research and Development Contract (ISRDS-2). KBR also engages a local institution, San Jose State University, to assist with NASA's Historically Black Colleges and Universities and Minority Serving Institution (HBCU/MSI) goals. KBR has earned many customer accolades and consistent exceptional Contractor Performance Assessment Report ratings.

Support Provided to the Small Business Community

KBR's Small Business Office and executive team are committed to fostering the development and success of their small business partners. The company prioritizes helping their small business partners through active participation in the Mentor-Protégé Program (MPP) and currently have Mentor-Protégé Agreements in place with both NASA and the United States Small Business Administration. As an active member of the Ames Contractor Council, KBR's Small Business Liaison Officer (SBLO) has presented at council meetings to discuss the benefits of participating in the MPP. Their SBLO also participates in panel discussions at small business outreach events to provide guidance and insight on working with Federal prime contractors. They actively support NASA's small business outreach events, including NASA's HBCU/MSI Technology Road Tours.

The Future of SGT

KBR's future is bright. With its broad portfolio of proven expertise, KBR has a limitless capacity to solve challenges. Their mission is to safely deliver any project, any time, in any environment for the benefit of their customers, shareholders, employees, and the communities they serve. They deliver the best in the industry and create the most compelling and agile teams, leveraging diversity and embracing the unique expertise it affords. Through their long-term partnership, KBR will continue to help NASA forge the future of scientific knowledge, advance space flight and exploration, and improve the understanding of our planet. KBR is creating solutions for the needs of today and tomorrow, safely and efficiently. They are the future—designed and delivered.

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Jacobs Technology, Inc.

Johnson Space Center



Jacobs provided systems integration and testing support for the upcoming Orion AA-2 test.

Company Description

Jacobs provides a full range of advanced technology services and is known for their commitment to excellence and their outstanding achievements in quality, performance, and safety. With a focus on long-term, ongoing client relationships, many of their clients retain their services across multiple contracts, resulting in successful partnerships spanning many years. Over the last 50 years, Jacobs has designed and tested space exploration systems from Mercury to the Space Launch System and Orion Multi-Purpose Crew Vehicle—often with the help of a team of small businesses. At Johnson Space Center (JSC), Jacobs is partnering with NASA to support the next-generation space exploration vision through the JSC Engineering, Technology, and Science (JETS) contract.

Support Provided to NASA

Since 2005, Jacobs has provided engineering, technical, and scientific services to JSC. Their team supports highly visible NASA programs and projects, including the James Webb Space Telescope, International Space Station, Orion, and commercial cargo and crew support services programs. The company provides capabilities in guidance, navigation, and control; avionics systems; structures and materials; thermal protection and control; mechanical systems; propulsion, fluid management, and pyrotechnics; environmental control and life support; aerodynamics and aerothermodynamics; flight software; mission planning and analysis; and overall systems engineering, simulation, and integration. Jacobs also supports planetary mission research, physical science research, and astromaterial curation.

Award-Winning Accomplishments

At JSC, Jacobs has been commended for their participation in the NASA Mentor-Protégé Program, along with HX5, LLC. They

Jacobs

mentored HX5 in project management, systems engineering, quality, safety, mission assurance, and business development. Over the course of this mentorship, HX5 has seen their role grow by more than 137 percent. Regarding their Mentor-Protégé Agreement with HX5, their customer noted that it was the best agreement that they had seen. Jacobs also held an open house at their facility in May 2019, a major outreach event that was attended by 100 small businesses. The open house successfully enabled their engineers and buyers to network directly with suppliers to learn more about their capabilities and how Jacobs can begin or continue to do business with them.

Support Provided to the Small Business Community

Jacobs understands the importance of effectively engaging small businesses in the execution of their mission supporting NASA. Through their innovative teaming relationships, Jacobs fosters their small business partners' participation in the technical areas of their contracts, which serves to develop their capabilities. Jacobs has received multiple awards for engaging small businesses on their JETS contract. In 2016, the company received the JSC Prime Contractor Small Business Advocate of the Year award and the Houston Minority Supplier Development Council Prime Supplier of the Year award. They received the JSC Mentor-Protégé Agreement of the Year award in 2016, 2017, and 2018. They also partner with the National Contract Management Association to mentor small businesses. Jacobs is currently meeting or exceeding all of their small business goals.

The Future of Jacobs Technology

Jacobs will continue to provide superior technical and professional services to NASA JSC and share future contract growth opportunities with their small business partners. Other small businesses that demonstrate strong technical and cost performance will be considered for opportunities in the future. Jacobs is committed to supporting NASA and JSC through continued operation of the International Space Station (ISS) and the development of the next generation of exploration systems for the journey to Mars.

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Jacobs Technology, Inc.

Kennedy Space Center



The Jacobs team conducts pathfinder operations with the full-scale SLS Core Stage mockup in the Vehicle Assembly Building at KSC.

Company Description

Jacobs Technology, Inc., is one of the world's largest and most diverse providers of full-spectrum technical, professional, and construction services for industrial, commercial, and Government organizations globally. For more than 70 years, Jacobs technicians and scientists have provided integrated solutions to help solve the complex challenges of space exploration. With a global web of resources and more than 5,000 employees supporting multiple NASA Centers, other Government users, and industry partners around the United States, the Jacobs team is able to stay steps ahead to provide advanced engineering, research, and operations support.

Support Provided to NASA

Jacobs supports NASA through long-term engineering, scientific, and technical contracts at eight NASA Centers. This support encompasses scientific research and development, full-spectrum engineering, space flight systems development, test and evaluation, launch operations, ground systems development and operations, mission management, and facilities operation and maintenance support. Jacobs provides overall management and implementation of ground systems capabilities, flight hardware processing, and launch operations at Kennedy Space Center under the Test and Operations Contract. In fiscal year 2019, Jacobs supported NASA in completing the refurbishment of Launch Pad B, the retrofitting of High Bay 3 in the Vehicle Assembly Building for Space Launch System (SLS) stacking, and testing and checkout of the new Mobile Launcher, in addition to providing International Space Station payload support.

Award-Winning Accomplishments

Jacobs has maintained outstanding performance on the Test Operations and Support Contract (TOSC) and has been commended

Jacobs

for providing excellent support to multiple NASA customers in a highly dynamic environment. The Jacobs workforce is fully committed to outstanding safety and to continuous improvement in all aspects of performance. This culture routinely delivers opportunities for improving efficiency and reducing or avoiding costs for NASA. Their performance in the small business subcontracting area is exceptional—far exceeding TOSC contract goals. The company is dedicated to selecting high-performing small business partners and providing outstanding mentorship to these partners for continued capabilities development. As an integral member of the Kennedy Space Center team, Jacobs promotes the Center's capabilities and expertise to others within NASA, other agencies, and commercial entities.

Support Provided to the Small Business Community

Jacobs's small business support, participation, and outreach activities in FY 2019 included NASA-sponsored events and campaigns, including the NASA Kennedy Space Center Annual Small Business Expo, Kennedy Space Center Prime Showcase, and National Small Business Week. Jacobs's representatives cochaired the KSC Prime Contractors Board and spoke at the offsite meeting in Cocoa Beach, Florida, as well as participated in the spring FY 2019 NASA Industry Forum meeting at NASA Headquarters and KSC Industry Day. Jacobs also provided continuous support of NASA CIAO Joint Counseling Sessions, cohosted a KSC Small Business Prime Time event, and attended Congressman William Posey's Federal Contracting Forum.

The Future of Jacobs Technology

Jacobs will continue its partnership with NASA, with the goal of maintaining Kennedy Space Center as the preeminent launch complex for Government and commercial space access. Jacobs will continue to provide overall management and implementation of ground systems capabilities, flight hardware processing, and launch operations through September 30, 2022, if all options are met. The support of its small business partners will be key to that success. Jacobs is proud to be a part of the KSC team, providing critical support to the Center as it prepares for the Artemis I mission and the beginning of a new exploration era.

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ATK Launch Systems, Inc.

Marshall Space Flight Center

**NORTHROP
GRUMMAN**



Test of the Launch Abort Motor.

Company Description

ATK Launch Systems, Inc., (acting by and through the Northrop Grumman Space Systems) is a pioneering company. They solve the toughest problems in space, aeronautics, defense, and cyberspace to meet the ever-evolving needs of their customers worldwide. Their 85,000 employees are “Defining Possible” every day using science, technology, and engineering to create and deliver advanced systems, products, and services. ATK has been Defining Possible above the atmosphere for more than 60 years, and they are still leading the way today. Their booster separation motors (BSMs) were rigorously tested for human space flight, were successfully used on the last 15 Space Shuttle missions, and are a critical part of NASA’s next-generation Space Launch System (SLS) rocket.

Support Provided to NASA

The Space Launch System (SLS) booster is part of a heavy-lift configuration of the SLS, consisting of two five-segment solid rocket boosters derived from the Space Shuttle Program solid rocket boosters/reusable solid rocket motor and the Ares first stage. The scope of work under this contract includes SLS booster design, development, test, and evaluation; booster manufacture for Artemis I (formerly Exploration Mission [EM-1]), Artemis 2, and Artemis 3; Flight Support Booster One (FSB-1); and booster flight support.

Award-Winning Accomplishments

Manufacturing booster segments for the flight is complete, and nearly completed for Artemis II. Work is also underway on avionics, major structures, and the flight termination system. Design Certification Review was completed in 2019. ATK Launch Systems, Inc., has

qualified and delivered several pieces of Artemis I and Artemis II flight hardware to Kennedy Space Center (KSC), and motor segments have been placed in storage in Promontory, Utah. ATK Launch Systems was diligent in the management and achievement of project goals and objectives, working proactively to provide the Government with information in support of issues and potential mitigation impacts. There were 26 contract modifications during this award period. This contract was modified with numerous technical changes, incremental funding changes, and award fee payments.

Support Provided to the Small Business Community

ATK Launch Systems, Inc. participated in 10 outreach activities in six states, including supporting supplier expositions, one-on-one counseling sessions, and panels demonstrating ATK Launch Systems’ commitment to the small business community. They also wrote and led workshops and congressional forums on how to do business with prime contractors. ATK Launch Systems worked with the Small Business Specialist at Marshall Space Flight Center to create the Marshall Prime Contractor Supplier Council (MPCSC) and help it succeed. Company representatives participate in every council meeting, discussing best practices and lessons learned. Every year, ATK Launch Systems identify and nominate a supplier for Small Business of the Year for the Marshall Small Business Alliance (MSBA) awards and recognition program.

The Future of ATK Launch Systems

ATK Launch Systems, Inc., is pleased to be a part of NASA’s current human space flight program. They are proud of their past heritage working with NASA in its human space flight programs, and they look forward to supporting NASA’s plans to return humans to the Moon and then travel on to Mars.

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ATK Launch Systems, Inc.

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Science Applications International Corporation (SAIC)

NASA Shared Services Center



NICS operates and broadcasts digital TV to the media and across the Agency.

Company Description

Science Applications International Corporation (SAIC) was founded in 1969. Today, SAIC is headquartered in Reston, Virginia, and has approximately 23,000 employees and \$6.5 billion in annual revenues. SAIC is a premier technology integrator solving the Nation's most complex modernization and readiness challenges. SAIC supports all NASA Centers and provides enterprise IT, engineering, integration, and mission services through the following prime contracts and subcontracts. Prime Contracts: Langley IT Enhanced Services II (LITES II); NASA Integrated Communications Services (NICS); Enterprise Applications Service Technologies 2 (EAST2); National Center for Critical Information Processing and Storage (NCCIPS 2); Independent Verification and Validation (IV&V); Joint Operations and Integrated Systems Technology (JOIST); Omnibus Multidiscipline Engineering Services II (OMES II); and Safety, Mission Assurance Engineering Contract 2 (SMAEC 2). Subcontracts: Mission Systems Operations Contract (MSOC); Marshall Integrated Programmatic Support Services (MIPSS); and Mission Operations, System Engineering, and Software II (MOSES II).

Support Provided to NASA

SAIC and their NICS Team of small business firms are required to consolidate the provisioning of IT communications infrastructure services across all NASA Centers and Satellite Facilities using a single Agency solution, ensure NASA's mission is enabled by the Agency IT communications infrastructure solution, and enable a mechanism for the transformation of NASA's IT Communications infrastructure in support of emerging mission requirements.

SAIC has established leading-edge technologies that contribute to the success of the NASA mission. NASA and SAIC have developed 5-year plans designed to keep the Agency's infrastructure built with the latest secure technology.

Award-Winning Accomplishments

SAIC Small Business Subcontract Teams continue to perform critical and highly technical work on NICS. SAIC expands small business team members' high-technology work as their capabilities increase. SAIC looks for opportunities to help small businesses recruit and retain the skilled workforce they need and include them on new high-technology opportunities like cybersecurity and enterprise architecture and design.

SAIC operates under a Master Subcontracting Plan (MSP) and an Individual Subcontracting Plan designed specifically for the NICS Program. These Plans state SAIC's processes, procedures, and compliance to FAR 52.219-9 clauses. To date, SAIC has been able to spend more than \$480 million with their small business partners on NICS—far exceeding the contractual goals.

Support Provided to the Small Business Community

SAIC is successful in small business programs because they drive requirements through SAIC leadership with training, outreach, subcontractor development, and Mentor-Protégé Programs. Over the past year, SAIC has supported more than 30 small business outreach events sponsored by SAIC or NASA.

SAIC is a member of the NASA Industry Forum and an active participant in NASA's Office of Small Business Programs initiatives, working closely with NASA representatives to ensure that greater opportunities are afforded to small businesses interested in NASA projects.

The Future of SAIC

SAIC is an industry leader providing cutting-edge technologies so that their customers can stay on mission. SAIC is committed to providing the highest-quality integrated communications services for secure voice, video, and data solutions and service to our NASA customers worldwide, at the best value.

Nazzic Keene, Chief Executive Officer

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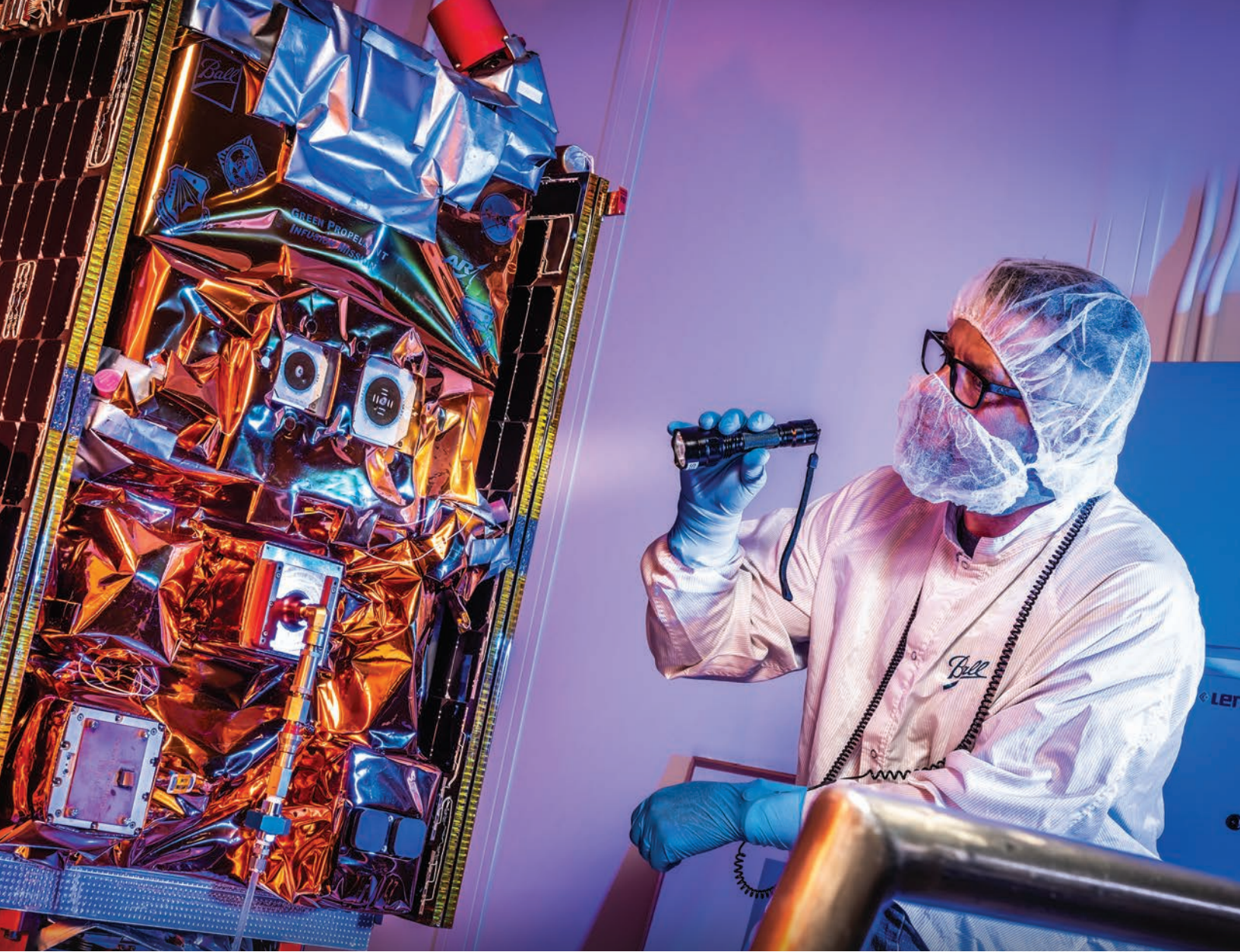
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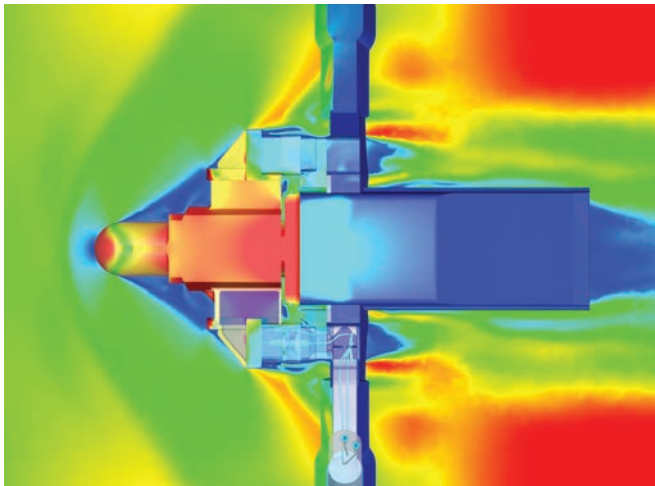


FY 2019 CENTER-LEVEL WINNERS
**MENTOR-PROTÉGÉ
AGREEMENT OF THE YEAR**

Jacobs Space Exploration Group (Mentor)

Marshall Space Flight Center

Jacobs



Solution obtained with computational fluid dynamics for the purpose of heating and loads analysis on a Space Launch System protuberance.

Company Description

At Jacobs, they are challenging today to reinvent tomorrow by solving the world's most critical problems for thriving cities, resilient environments, mission-critical outcomes, operational advancement, scientific discovery, and cutting-edge manufacturing, turning abstract ideas into realities that transform the world for good. With \$13 billion in revenue and a talent force of approximately 52,000, Jacobs provides a full spectrum of professional services, including consulting, technical, scientific, and project delivery for the Government and private sector.

For more than 70 years, Jacobs engineers, technicians, and scientists have provided integrated solutions to help solve the complex challenges of space exploration. Supporting multiple NASA Centers, other Government users, and industry partners, the Jacobs team stays steps ahead to provide advanced engineering, research, and operations support.

Support Provided to NASA

The Jacobs Space Exploration Group (JSEG) is the science and engineering support contractor at Marshall Space Flight Center (MSFC), a role the company has filled continuously since 1989. At MSFC, Jacobs employs nearly 1,200 highly talented engineers, scientists, and technicians to support flagship NASA programs such as the Space Launch System (SLS), the International Space Station (ISS), the Chandra X-ray Observatory, and the new Human Landing System (HLS).

Award-Winning Accomplishments

JSEG has partnered with local small business CRM Solutions (rebranded to Mclaurin Aerospace) in a formal NASA Mentor-Protégé

Agreement (MPA) for the past 3 years. In 2019, the Jacobs/CRM MPA was selected as MPA of the Year at MSFC. As a result of this relationship, CRM experienced significant business growth and gained new opportunities to perform high-tech work that enhanced their technical and business reputation and positioned them to win future work with MSFC and other Huntsville-based agencies, including the Missile Defense Agency, the Strategic Missile Defense Command, and the U.S. Army.

Support to the Small Business Community

Jacobs is a large business with a long heritage of providing opportunities to small business. In the first 2 years of the Engineering Services and Science Capability Augmentation (ESSCA), the Jacobs Space Exploration Group has allocated more than \$94 million to small business partners on the contract, representing 46 percent of total contract expenditures. JSEG is a two-time winner of the Dwight D. Eisenhower Award for Excellence in Small Business Programs from the U.S. Small Business Administration in 2017 and 2009.

The Future of Jacobs

Jacobs shares a common purpose for the future—to create a more connected, sustainable world. It aspires to seamless, global collaboration leading to innovative solutions that leverage integrated data and connectivity while delivering a triple bottom-line focus—social, environmental, and economic—through people, places, and partnerships.

Jacobs's strategy for the future is threefold: to be an employer of choice that builds a high-performance culture; to transform the core with technology-enabled execution; and to grow profitably through connected sustainable solutions. Jacobs employees do this through shared values: they do things right, challenge the accepted, aim higher, and live inclusion. Jacobs is a company that is very much forward-facing: energized about tomorrow and not afraid to challenge today.

Steve Demetriou, President and CEO

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Jacobs Space Exploration Group

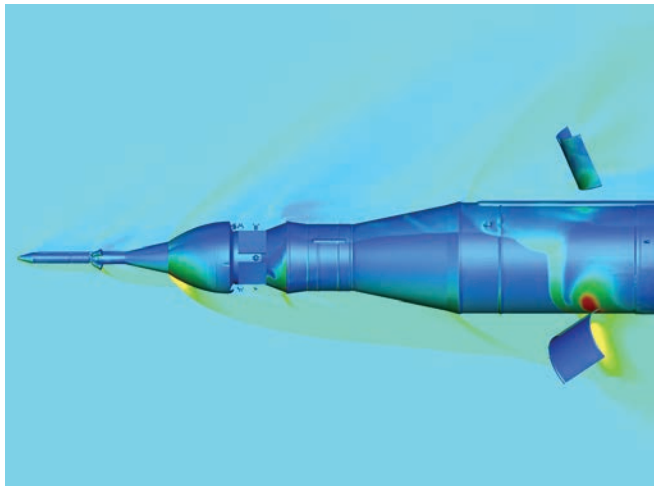
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<https://jseg.space/>

CRM Solutions, Inc. (Protégé)

Marshall Space Flight Center



Computational fluid dynamics simulation of the Space Launch System service panel separation event.

Company Description

Mclaurin Aerospace formed in 1997 as CRM Solutions, Inc., with a goal of infusing deep physical and engineering insight into the most pressing NASA and Department of Defense aerospace challenges. In 2008, Mclaurin expanded its strategic portfolio to include aerospace structures; flight mechanics; Guidance, Navigation, and Control (GN&C); and systems engineering. Mclaurin supports NASA customers using subject matter experts in a unique, academically grounded model derived from technical leadership experience in the national laboratory community. Now comprising more than 20 full-time technical staff and two university partners in two states, their enthusiastic team offers a complete end-to-end aerospace design and analysis capability with a wide breadth of experience in the development, certification, and flight-testing of aerospace vehicles.

Support Provided to NASA

Mclaurin provides mission-critical support to NASA's Space Launch System program, the NASA Commercial Crew Program, and the NASA Engineering and Safety Center, facilitating the continued development and flight readiness assessment for NASA's next-generation exploration-class and commercial launch vehicles. Mclaurin's staff holds key roles in vehicle management, aerosciences, flight mechanics analysis, and systems engineering, developing critical math models and flight certification products. In 2019, Mclaurin's support was pivotal in risk reduction associated with such complex topics as encapsulated service module (ESM) panel separation, propulsion component debris impact analysis, and thrust vector servoelectricity.

Award-Winning Accomplishments

In addition to its deep discipline expertise, Mclaurin Aerospace is a collaborative partner with a rich understanding of large-scale,

national-capability development programs where responsibilities are shared among Government sponsors, traditional prime contractors, skills-augmentation support contractors, teammates, and small businesses. Their emphasis on cooperative planning and open communication is the key to efficiency in both engineering and contract execution. Mclaurin Aerospace understands that investing in NASA is a long-term investment in the future of their staff, their business, and their partner relationships.

Support to the Small Business Community

Mclaurin Aerospace is a Women-Owned, HUBZone-certified small business. Their industry relationships emphasize the growth of not only their own business enterprise, but also the development of other small businesses through collaboration and partnerships. Mclaurin Aerospace invests heavily in the academic community through our internship program, supporting multiple undergraduate and graduate students per year. This program introduces exceptional young engineering talent to the unique operational characteristics of small business engineering firms as an alternative to traditional employment opportunities with prime contractors.

The Future of Mclaurin Aerospace

Mclaurin Aerospace's strategy for growth emphasizes the company's most important asset—our exceptional people, their goals, and their capabilities. Their most distinguished mark of success is the technological state of the art and the national significance of the programs they support, driven by an enthusiastic and diverse workforce. To that end, Mclaurin Aerospace's forward path is focused on a careful balance of first-principles research and practical engineering. The company is extending their team and their customer base to include areas such as hardware prototyping and flight-test engineering and engaging in research initiatives with the Department of Defense and industry. The company's internal investments are developing innovative technologies in cooperation with their academic partners that have relevance for new customers such as the U.S. Air Force and the Missile Defense Agency. Mclaurin Aerospace will continue to grow in those areas and apply that experience to maintain our distinction as an innovation leader in the small business regime.

Rhonda Mclaurin, President and CEO

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Mclaurin Aerospace (formerly CRM Solutions)

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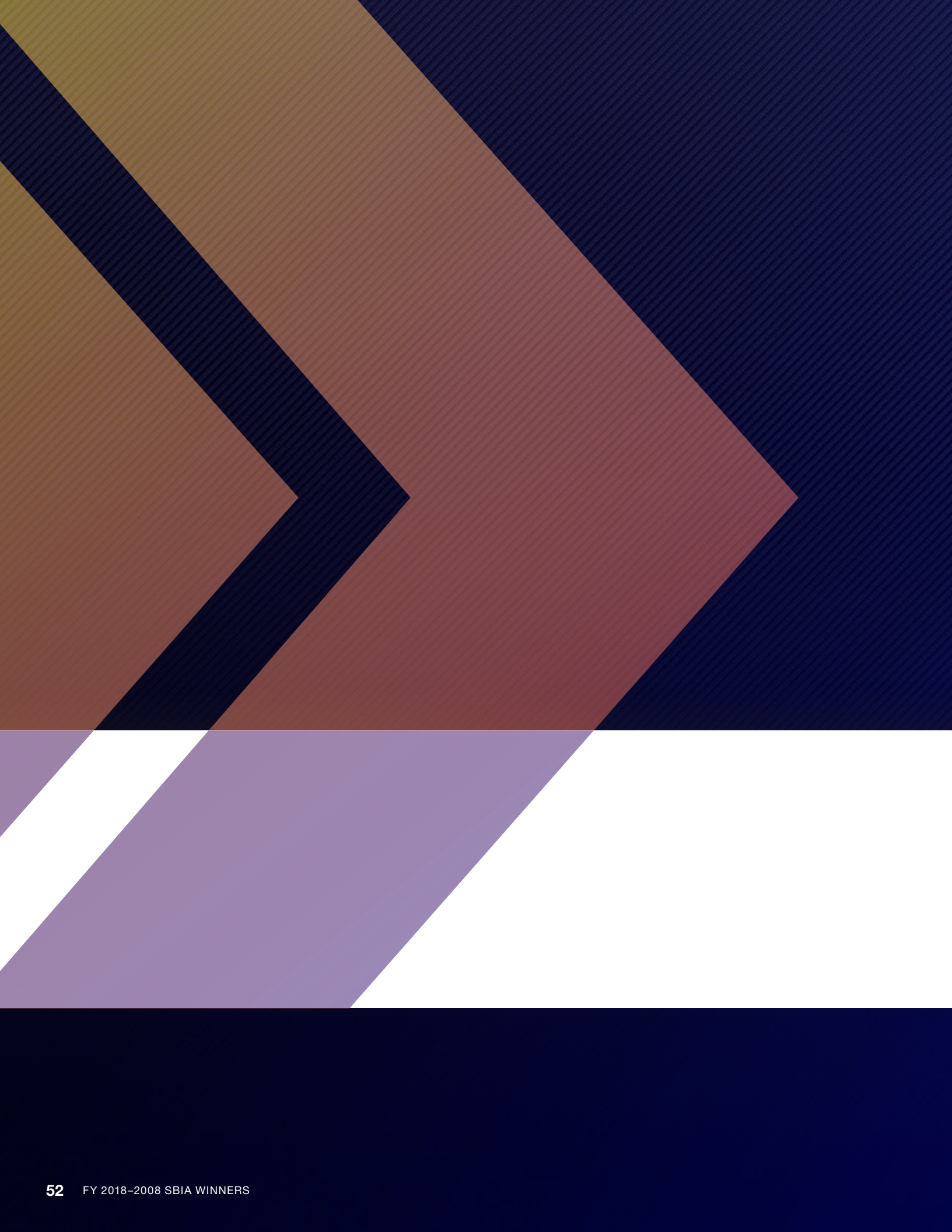
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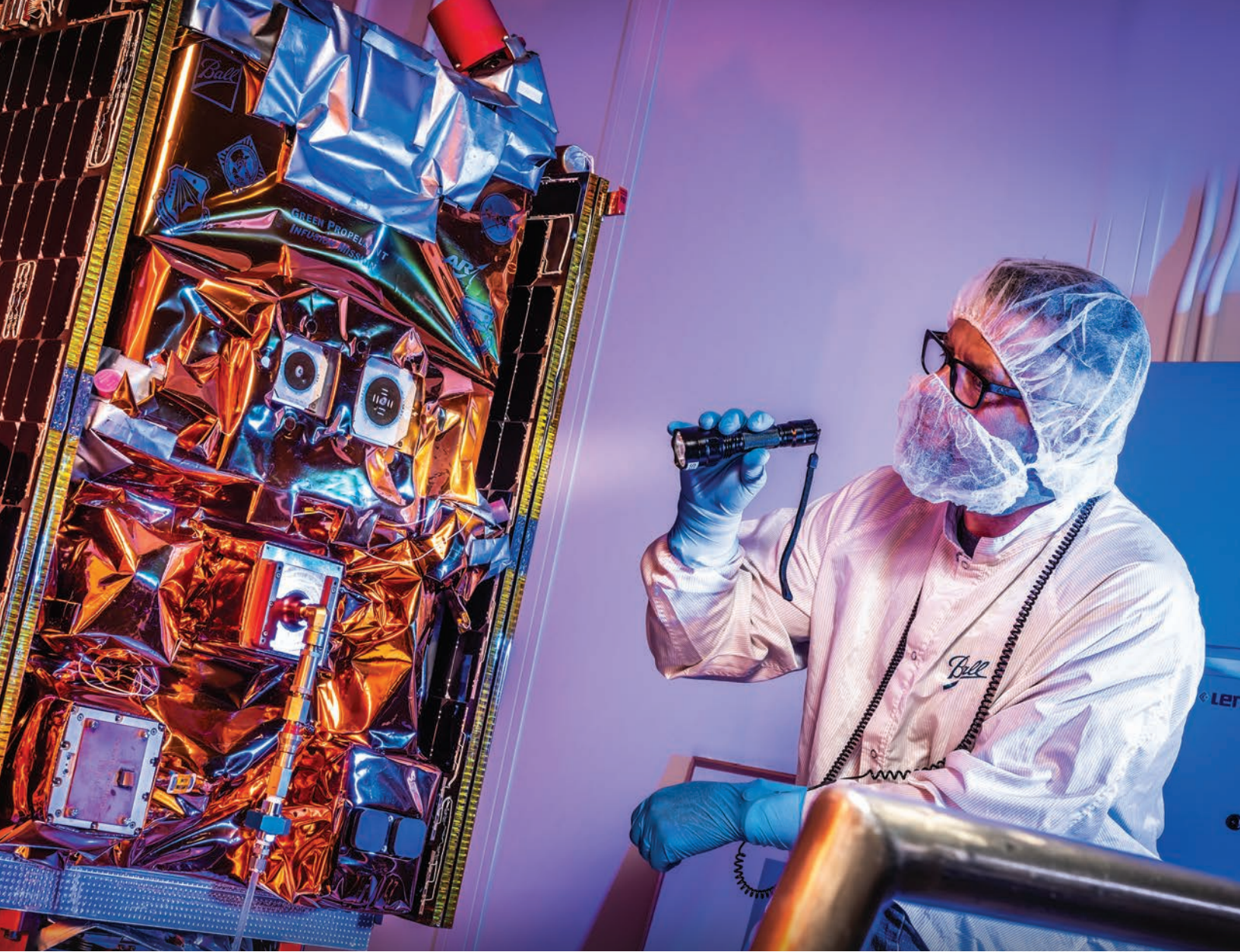
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MCLAURIN
A E R O S P A C E





FY 2018–2008 SBIA WINNERS

FY 2018

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

Analytical Mechanics Associates, Inc.	ARC
InuTeq, LLC	AFRC
Vantage Partners, LLC	GRC
Adnet Systems, Inc.	GSFC
Navarro Research and Engineering, Inc.	JSC
New Directions Technologies, Inc.	KSC
Analytical Mechanics Associates, Inc.	LaRC
Manufacturing Technical Solutions, Inc.	MSFC
Brandan Enterprises, Inc.	NSSC
Healtheon, Inc.	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

DeVine Consulting, Inc.	ARC
Arcata Associates, Inc.	AFRC
Emergent Space Technologies, Inc.	GSFC
GeoControl Systems, Inc.	JSC
Engineering Research and Consulting, Inc.	KSC
Kord Technologies, Inc.	MSFC
Bay Systems Consulting, Inc.	NSSC
Manufacturing Technical Solutions, Inc.	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

S.J. Amoroso Construction Company, Inc.	ARC
Jacobs Technology, Inc.	AFRC
Dynetics, Inc.	GRC
KBRwyle Technology Solutions, LLC	GSFC
Stinger Ghaffarian Technologies, LLC	JSC
a.i. solutions, Inc.	KSC
Aerojet Rocketdyne, Inc.	MSFC
CSRA, LLC	NSSC

MENTOR-PROTÉGÉ AGREEMENTS OF THE YEAR

Stinger Ghaffarian Technologies, Inc. (M), and MORI Associates, Inc. (P)	ARC
Jacobs Technology, Inc. (M), and HX5, LLC (P)	JSC
Aerojet Rocketdyne, Inc. (M), and ICO RALLY (P)	MSFC

FY 2017

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

SM Construction, Inc.	ARC
Logical Innovations, Inc.	AFRC
Peerless Technologies Corporation	GRC
Omitron, Inc.	GSFC
Sure Secure Solutions, LLC	HQ
Made In Space, Inc.	JSC
Integrated Mission Support Services, LLC	KSC
Midland GSS JV	LaRC
Victory Solutions, Inc.	MSFC
Sure Secure Solutions, LLC	NSSC
SaiTech, Inc.	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

Intrinsyx Technologies Corporation	ARC
ClancyJG International	AFRC
Telophase Corporation	GSFC
San Diego Composites, Inc.	JSC
Aerodyne Industries, LLC	KSC
Metis Technology Solutions, Inc.	LaRC
Genex Systems, LLC	MSFC
Ignite Fueling Innovation, Inc.	NSSC
Manufacturing Technical Solutions, Inc.	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

AECOM Technical Services, Inc.	ARC
Jacobs Technology, Inc.	AFRC
Sierra Lobo, Inc.	GSFC
Hensel Phelps Construction Company	JSC
Jacobs Technology, Inc.	KSC
Science Applications International Corp.	LaRC
Jacobs Technology, Inc.	MSFC
Science Applications International Corp.	NSSC

MENTOR-PROTÉGÉ AGREEMENTS OF THE YEAR

Stinger Ghaffarian Technologies, Inc. (M), and MORI Associates, Inc. (P)	ARC
Raytheon Company (M) and Element 84, Inc. (P)	GSFC
Jacobs Technology, Inc. (M), and Genex Systems, LLC (P)	LaRC
URS Federal Services, Inc., an AECOM Company (M), and Seabrook Solutions, LLC (P)	MSFC
Science Applications International Corp. (M) and Ignite Fueling Innovation, Inc. (P)	NSSC

» Agency-level winners are highlighted

FY 2016

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	
DEI Construction, Inc.	ARC
Logical Innovations, Inc.	AFRC
Summit Technologies & Solutions, Inc.	GRC
Sure Secure Solutions, LLC	GSFC
NanoRacks, LLC	JSC
Abacus Technology Corp.	KSC
Cornell Technical Services, LLC	LaRC
Cepeda Systems & Software Analysis, Inc.	MSFC
Four, Inc.	NSSC
A2 Research, JV	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	
Metis Technology Solutions, Inc.	ARC
Solution One Industries, Ltd.	AFRC
Navteca, LLC	GSFC
Atec, Inc.	JSC
Met-Con, Inc.	KSC
Linc Research, Inc.	MSFC
Pearl River Technologies, LLC	NSSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	
AECOM Technical Services, Inc.	ARC
Jacobs Technology, Inc.	AFRC
Aerojet Rocketdyne, Inc.	GRC
Parsons	GSFC
Jacobs Technology, Inc.	JSC
Jacobs Technology, Inc.	KSC
Jacobs Technology, Inc.	MSFC
Science Applications International Corp.	NSSC

MENTOR-PROTÉGÉ AGREEMENTS OF THE YEAR	
AECOM Technical Services, Inc. (M), and AE3 Partners, Inc. (P)	ARC
Parsons (M) and EBA Engineering, Inc. (P)	GSFC
Jacobs Technology, Inc. (M), and HX5, LLC (P)	JSC
Teledyne Brown Engineering, Inc. (M), and University of Nevada, Las Vegas (P)	MSFC

FY 2015

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	
Monterey Technologies, Inc.	ARC
ASRC Federal InuTeq, LLC	AFRC
Science Engineering Associates	GRC
LTJ & Associates, Inc.	GSFC
Malin Space Science Systems, Inc.	JPL
Logical Innovations, Inc.	JSC
Chenega Security & Support Solutions, CS3, LLC	KSC
Brandan Enterprises, Inc.	LaRC
Dynetics Technical Services, Inc.	MSFC
Healtheon, Inc.	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	
AerospaceComputing, Inc.	ARC
Arcata Associates, Inc.	AFRC
MSM Group, Inc.	GRC
Adcole Corporation	GSFC
Bastion Technologies, Inc.	JSC
Olsen Associates, Inc.	KSC
Willbrook Solutions, Inc.	MSFC
Mobomo, LLC	NSSC
Global Contracting, LLC	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	
Jacobs Technology, Inc.	AFRC
Parsons	GSFC
Exelis, Inc. (subsidiary of Harris Corporation)	JPL
Raytheon Company	JSC
Jacobs Technology, Inc.	KSC
Teledyne Brown Engineering, Inc.	MSFC
Jet Propulsion Laboratory (JPL)	NMO
Lockheed Martin Corporation	SSC

MENTOR-PROTÉGÉ AGREEMENTS OF THE YEAR	
Honeywell Technology Solutions, Inc. (M), and Advocates in Manpower Management (AIMM), Inc. (P)	GSFC
Hamilton Sundstrand Space Systems International (M) and MRI Technologies (P)	JSC
Teledyne Brown Engineering, Inc. (M), and MartinFederal Consulting, LLC (P)	MSFC

FY 2014

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

Media Fusion, Inc.	AFRC
Deltha-Critique NSS Joint Venture	ARC
Vantage Partners, LLC	GRC
Science Systems and Applications, Inc.	GSFC
Dynamic Systems, Inc.	JPL
TISTA Science and Technology Corporation	JSC
a.i. solutions, Inc.	KSC
NorthWest Research Associates, Inc.	LaRC
COLSA Corporation	MSFC
A2 Research, Joint Venture	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

ClancyJG International	AFRC
ELORET Corporation	ARC
INNOVIM, LLC	GSFC
Rayotek Scientific, Inc.	JSC
Craig Technologies	KSC
Advanced Aerospace Solutions, LLC	LaRC
Aerodyne Industries, LLC	MSFC
MindPoint Group, LLC	NSSC
Technological Services Company	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

Jacobs Technology, Inc.	AFRC
Booz Allen Hamilton, Inc.	ARC
Leidos, Inc.	GRC
Raytheon Technical Services Company, LLC	GSFC
ManTech SRS Technologies, Inc.	JPL
Lockheed Martin Space Systems Company	JSC
InoMedic Health Applications, Inc.	KSC
Engility Corporation	LaRC
Jacobs Technology, Inc.	MSFC
Science Applications International Corporation	NSSC
Harry Pepper & Associates, Inc., an EMCOR Company	SSC

FY 2013

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

Arcata Associates, Inc.	AFRC*
Logyx, LLC	ARC
DB Consulting Group, Inc.	GRC
Bandwidth Solutions, Inc.	GSFC
Valador, Inc.	HQ
John T. Chan Architects, Inc.	JPL
Tejas Office Products, Inc.	JSC
Abacus Technology Corporation	KSC
Science Systems and Applications, Inc.	LaRC
Dynetics Technical Services, Inc.	MSFC
Brandan Enterprises, Inc.	NSSC
Healtheon, Inc.	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

INQU, LLC	AFRC
Quality Assurance & Risk Management Services, Inc.	GRC
Rincon Research Corporation	GSFC
Houston Precision Fasteners	JSC
Yang Enterprises, Inc.	KSC
Analytical Services & Materials, Inc.	LaRC
Plasma Processes, LLC	MSFC
Craig Technologies	NSSC
CORE Governmental Services, LLC	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

Jacobs Technology, Inc.	AFRC
Stinger Ghaffarian Technologies, Inc.	ARC
Honeywell Technology Solutions, Inc.	GRC
TRAX International	GSFC
Lockheed Martin Corporation	JPL
Wyle	JSC
URS Federal Services, Inc.	KSC
Jacobs Technology, Inc.	LaRC
Teledyne Brown Engineering, Inc.	MSFC
Jacobs Technology, Inc.	SSC

» Agency-level winners are highlighted.

* Prior to 2014, Armstrong Flight Research Center was called Dryden Flight Research Center.

FY 2012

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	
Kay and Associates, Inc.	AFRC*
Sunpower, Inc.	GRC
LJT & Associates, Inc.	GSFC
Honeybee Robotics Spacecraft Mechanisms Corporation	JPL
GeoControl Systems, Inc.	JSC
Millennium Engineering and Integration Company	KSC
Safety & Quality Assurance Alliance	LaRC
Bastion Technologies, Inc.	MSFC
A2 Research	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	
Modern Technology Solutions, Inc.	AFRC
Bay Systems Consulting, Inc.	ARC
Tri Models, Inc.	GRC
Edge Space Systems, Inc.	GSFC
SEAKR Engineering, Inc.	JSC
CSS-Dynamac Corporation	KSC
Sierra Lobo, Inc.	LaRC
Bangham Engineering, Inc.	MSFC
Tri Star Engineering, Inc.	NSSC
GHG Corporation	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	
Jacobs TYBRIN Group	AFRC
Ball Aerospace & Technologies Corporation	ARC
Jacobs Technology, Inc.	GRC
Honeywell Technology Solutions, Inc.	GSFC
EMCOR Government Services, Inc.	JPL
Lockheed Martin Corporation	JSC
The Boeing Company	KSC
Pratt & Whitney Rocketdyne, Inc.	MSFC
CSC	NSSC
Lockheed Martin Corporation	SSC

FY 2011

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	
Arcata Associates, Inc.	AFRC*
Logyx, LLC	ARC
Sierra Lobo, Inc.	GRC
Genesis Engineering Solutions, Inc.	GSFC
MORI Associates, Inc.	HQ
The Terraza Design Group, Inc.	JPL
DB Consulting Group, Inc.	JSC
Abacus Technology Corporation	KSC
Analytical Mechanics Associates, Inc.	LaRC
Aetos Systems, Inc.	MSFC
Paragon Business Solutions, Inc.	NSSC
Patriot Technologies, LLC	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	
Dennis Heathcock Consulting	AFRC
Systems Electric	ARC
ZIN Technologies, Inc.	GRC
Odyssey Space Research, LLC	JSC
All Points Logistics, Inc.	KSC
Lansmont Corporation	MSFC
SaiTech, Inc.	NSSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	
Jacobs Technology, Inc./TYBRIN	AFRC
AECOM Technical Services, Inc.	ARC
Aerojet-General Corporation	GRC
The Raytheon Company	JPL
United Space Alliance	JSC
Science Applications International Corporation	MSFC
Jacobs/Facility Operating Services Contract	SSC

FY 2010

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

Arcata Associates, Inc.	AFRC*
Dynamac Corporation, Inc.	ARC
Mainthia Technologies, Inc.	GRC
a.i. solutions, Inc.	GSFC
Media Fusion, Inc.	GSFC/HQ
Akima Infrastructure Services, LLC	JSC
ReDe/Critique, Joint Venture	KSC
Analytical Mechanics Associates, Inc.	LaRC
COLSA Corporation	MSFC
Patriot Technologies, LLC	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

ARES Corporation	AFRC
Asani Solutions, LLC	ARC
ZIN Technologies, Inc.	GRC
ATA Engineering, Inc.	JPL
Fiber Materials, Inc.	JSC
MIL-CON Electric Company	KSC
ViGYAN, Inc.	LaRC
Southern California Braiding Company, Inc.	MSFC
AI Signal Research, Inc.	NSSC
Comprehensive Occupational Resources, LLC	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

Jacobs Technology/TYBRIN	AFRC
Stinger Ghaffarian Technologies, Inc.	ARC
Universities Space Research Association	GRC
ITT Systems, Inc.	JPL
The Boeing Company (JSC)	JSC
The Boeing Company (KSC)	KSC
Jacobs Technology, Inc.	LaRC
Pratt & Whitney Rocketdyne, Inc.	MSFC
Jacobs Engineering Group, Inc.	SSC

FY 2009

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

TYBRIN Corporation	AFRC*
Tessada & Associates, Inc.	ARC
Sierra Lobo, Inc.	GRC
Rodriguez Precision Optics, Inc.	GSFC
ProDyn/EPES, LLC	JSC
Abacus Technology Corporation	KSC
Science Systems and Applications, Inc. (SSAI)	LaRC
SEI Group, Inc.	MSFC
Applied Geo Technologies	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

MSM Group, Inc.	GRC
Columbus Technologies & Services, Inc.	JPL
Deep Space Systems, Inc.	JSC
Creative Management Technology	KSC
Compass Contracting, Inc.	LaRC
Orion Propulsion, Inc.	MSFC
ASRC Management Services	NSSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

Jacobs Technology, Inc.	ARC
Computer Sciences Corporation	JPL
United Space Alliance, LLC	JSC
Analex Corporation	KSC
ATK Launch Systems	MSFC
Computer Sciences Corporation	SSC

» Agency-level winners are highlighted.

* Prior to 2014, Armstrong Flight Research Center was called Dryden Flight Research Center.

FY 2008

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

Arcata Associates, Inc.	AFRC*
Integrated Science Solutions, Inc.	ARC
Efficient Enterprise Engineering, Inc. (Ex3)	GRC
SP Systems, Inc.	GSFC
Tessada & Associates, Inc.	JSC
ASRC Aerospace Corporation	KSC
Science and Technology Corporation	LaRC
COLSA Corporation	MSFC
Applied Geo Technologies	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

Intrinsyx Technologies Corporation	ARC
N & R Engineering and Management Services, Inc.	GRC
Santa Barbara Applied Research, Inc.	JPL
JES Tech	JSC
Yang Enterprises, Inc.	KSC
Genex Systems, LLC	LaRC
Votaw Precision Technologies	MSFC
Arcata Associates, Inc.	NSSC
SaiTech, Inc.	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

Science Applications International Corporation	AFRC
Raytheon Company	ARC
ITT Corporation	JPL
Lockheed Martin Services, Inc.	JSC
Boeing Space Operations Company	KSC
Unisys Corporation	LaRC
The Boeing Company	MSFC

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